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CONTENTS

- Conservation
  - Soils 1
  - Bibliographies, Directories, History, Biographies 2
- Plants
  - General, Ecology, Techniques 2
  - Floras, Communities, Manuals 3
  - Habitat Surveys 3
- Wildlife
  - General 4
  - Techniques 6
  - Faunas, Natural History, Manuals 9
  - Natural Areas & Refuges 12
  - Endangered & Threatened Species 20
  - Introductions 21
  - Morphology & Physiology 21
  - Behavior 21
  - Mortality & Survival 23
  - Pesticides & Pollution 23
  - Parasites & Diseases 26
  - Economics, Damage, Predation, Control 27
  - Hunting--Areas & Problems 29
  - Harvest & hunting statistics 30
  - Management & Research--General 32
  - Management - nongame 35
    - Environmental Impacts & Assessments 36
- Mammals
  - General 51
  - Techniques 52
  - Faunas, Communities, Manuals 53
  - Morphology & Physiology 55
  - Pesticides & Pollution 56
  - Parasites & Diseases 58
  - Economics, Damage, Predation, Control 58
  - Marsupials 59
  - Moles, Shrews, Other Insectivores 61
  - Bats 64
  - Furbearers 70
  - Rabbits & Pikas 70
  - Rodents
    - General 75
    - Sciurids 77
    - Beaver, Muskrat, Nutria 82
    - Rats & Mice 84
      - *Rattus* & *Mus* 85
    - Other Rodents 85
  - Carnivores
    - General 96
    - Canids 96
    - Bears 102
    - Raccoons, Ringtail, & Coati 104
    - Mustelids 105
    - Cats 110
    - Other Carnivores 113
  - Marine Mammals 114
  - Ungulates
    - General 122
    - Cervids
      - General 123
      - *Odocoileus* 124
      - Other Cervids 128
    - Other Ungulates 134
  - Primates 140
  - Other Mammals 153
- Birds
  - General 154
  - Techniques 156
  - Faunas, Communities, Manuals 158
  - Morphology & Physiology 171
  - Behavior 172
  - Migration & Banding Reports 176
  - Mortality & Survival 180
  - Pesticides & Pollution 180
  - Parasites & Diseases 185
  - Economics, Damage, Predation, Control 186
  - Gallinaceous Birds
    - General 188
    - Grouse & Ptarmigan 188
    - Phasianidae
      - General 191
      - Bobwhite 191
      - Other American Quail 191
      - Coturnix 191
      - Ring-Necked Pheasant & Allies 192
      - Other Phasianidae 192
    - Turkey 193
    - Other Gallinaceous Birds 194
  - Doves & Pigeons 195
  - Waterbirds 196
    - Waterfowl
      - General 198
      - Ducks 201
      - Swans & Geese 209
    - Loons & Grebes 212
    - Shorebirds, Marshbirds & Allies 213
    - Seabirds & Allies 241
  - Raptors 249
  - Passerine Birds
    - General 261
    - Blackbirds, Starlings, Crows 263
    - Other Passerine Birds 268
  - Other Birds 296
- Amphibians & Reptiles 302
  - Amphibians 304
  - Reptiles 316
- AUTHOR INDEX 341
- GEOGRAPHICAL INDEX 427
- SUBJECT INDEX 451

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SOILS

84-002992 Allgood, Velton C. SOIL SURVEY OF LAUDERDALE COUNTY, MISSISSIPPI. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 137p. July 1983. From Monthly Catalog of U.S. Government Publications 84-4507. Feb. 1984. WR 193

84-002993 Green, George L. SOIL SURVEY OF MULTNOMAH COUNTY, OREGON. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 225p. Aug. 1983. From Monthly Catalog of U.S. Government Publications 84-2306. Jan. 1984. WR 193

84-002994 Iiams, John E. SOIL SURVEY OF WASHAKIE COUNTY, WYOMING. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 236p. July 1983. From Monthly Catalog of U.S. Government Publications 84-2308. Jan. 1984. WR 193

84-002995 Laird, William E. SOIL SURVEY OF ISLAND OF KOSRAE, FEDERATED STATES OF MICRONESIA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 67p. Mar. 1983. From Monthly Catalog of U.S. Government Publications 84-2305. Jan. 1984. WR 193

84-002996 Lenfesty, Charles D. SOIL SURVEY OF CHAVES COUNTY, NEW MEXICO, NORTHERN PART. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 224 p. 1983. From Monthly Catalog of U.S. Government Publications 84-4505. Feb 1984. WR 193

84-002997 Lindsey, Wesley C. SOIL SURVEY OF SAN LUIS OBISPO COUNTY, CALIFORNIA, PASO ROBLES AREA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 236p. May 1983. From Monthly Catalog of U.S. Government Publications 84-6173. Mar. 1984. WR 193

84-002998 Sink, Larry T. SOIL SURVEY OF WILSON COUNTY, NORTH CAROLINA. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* vii + 112p. May 1983. From Monthly Catalog of U.S. Government Publications 84-4508. Feb. 1984. WR 193

84-002999 Soil Conservation Service. SOIL SURVEY OF HUERFANO COUNTY AREA, COLORADO. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 199p. July 1983. From Monthly Catalog of U.S. Government Publications 84-4506. Feb. 1984. WR 193

84-003000 Soil Conservation Service. SOIL SURVEY OF SNOHOMISH COUNTY AREA, WASHINGTON. *U.S. Dep. Agric. Soil Conserv. Serv. Soil. Surv.* ix + 197p. July 1983. From Monthly Catalog of U.S. Government Publications 84-2307. Jan. 1984. WR 193

84-003001 Soil Conservation Service. SOIL SURVEY OF GRAND COUNTY AREA, COLORADO. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 174p. June 1983. From Monthly Catalog of U.S. Government Publications 84-2304. Jan. 1984. WR 193

84-003002 Taylor, Don R. SOIL SURVEY OF COCONINO COUNTY AREA, ARIZONA, CENTRAL PART. *U.S. Dep. Agric. Soil Conserv. Serv. Soil Surv.* ix + 212p. Aug. 1983. From Monthly Catalog of U.S. Government Publications 84-2303. Jan. 1984. WR 193

BIBLIOGRAPHIES, DIRECTORIES, HISTORY, AND BIOGRAPHIES

84-003003 Pearson, H. A.; R. D. Child; E. K. Byington; H. E. Grelen and C. E. Lewis. SELECTED BIBLIOGRAPHY ON SOUTHERN RANGE MANAGEMENT, 1973-1978. *U.S. For. Serv. Gen. Tech. Rep.* SO-31. 66p. 1980. From U.S. Government Reports 83(17):4159. 19 Aug. 1983. Available from NTIS as PB83-205187. WR 193

84-003004 Pucek, Michalina. POLISH THERIOLOGICAL BIBLIOGRAPHY, 1982. *Acta Theriol.* 28(31):461-473. Nov. 1983. WR 193
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland]

84-003005 Ratermann, Mary M. and John M. Brode. ANNOTATED BIBLIOGRAPHY OF AMPHIBIAN AND REPTILE FIELD STUDY METHODS. *Calif. Dep. Fish Game Inl. Fish Admin. Rep.* No. 83-3. i + 45p. Nov. 1983. WR 193
[Calif. State Univ., Sacramento]

84-003006 Schnitzler, Hildegard. 25 YEAR LISTING OF PUBLICATIONS OF THE INTERNATIONAL SOCIETY OF BIOMETEOROLOGY. *Int. J. Biometeorol.* 27(4):1-99. Dec. 1983. WR 193

PLANTS--GENERAL, ECOLOGY, AND TECHNIQUES

84-003007 Anderson, William H.; Donald O. Ohlen and Steven D. Fairaizl. MIDSEASON MAPPING OF SUNFLOWERS USING LANDSAT DIGITAL DATA. *J. Wildl. Manage.* 48(1):295-298. Jan. 1984. WR 193
[Technicolor Govt. Serv. Inc., EROS Data Cent., U.S. Geol. Surv., Sioux Falls, SD 57198]

84-003008 Ash, Andrew N.; Charles B. McDonald; Emilie S. Kane and Carolyn A. Pories. NATURAL AND MODIFIED POCOSINS: LITERATURE SYNTHESIS AND MANAGEMENT OPTIONS. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/04. xvii + 156p. Mar. 1983. WR 193
[Dep. Biol. Sci., East Carolina Univ., Greenville, NC 27834]

84-003009 Burns, G. S. LAND COVER CHANGE MONITORING WITHIN THE EAST CENTRAL LOUISIANA STUDY SITE: A CASE FOR LARGE AREA SURVEYS WITH LANDSAT MULTISPECTRAL SCANNER DATA. *Natl. Aeronautics Space Admin.* NASA-TM-85469. 36p. June 1983. From U.S. Government Reports 84(5):15. 2 Mar. 1984. Abailable from NTIS as N84-11562/5. WR 193

84-003010 Chambers, Jeanne C. and Ray W. Brown. METHODS FOR VEGETATION SAMPLING AND ANALYSIS ON REVEGETATED MINED LANDS. *U.S For. Serv. Gen. Tech. Rep.* INT-151. ii + 57p. Oct. 1983. WR 193

84-003011 Huete, A. R.; D. F. Post and R. D. Jackson. SOIL SPECTRAL EFFECTS ON 4-SPACE VEGETATION DISCRIMINATION. *Remote Sens. Environ.* 15(2):155-165. Mar. 1984. WR 193
[Dep. Soils, Water & Eng., Univ. Ariz., Tucson 85721]

PLANTS--GENERAL, ECOLOGY, AND TECHNIQUES (CONTINUED)

84-003012 Mo, Tsan; Thomas J. Schmugge and Thomas J. Jackson. CALCULATIONS OF RADAR BACKSCATTERING COEFFICIENT OF VEGETATION-COVERED SOILS. *Remote Sens. Environ.* 15(2):119-133. Mar. 1984. WR 193
[Computer Sci. Corp., Silver Spring, MD 20910]

84-003013 Rivola, Milan. VEGETACNÍ CHARAKTERISTIKA K OCHRANE NAVRZENYCH DIABASOVYCH LOKALIT KRIVOKLÁTSKA. [VEGETATION CHARACTERISTICS OF THE KRIVOKLÁT LOCALITIES PROPOSED TO BE PROTECTED.] *Cesk. Ochr. Prir.* 18:71-83. 1978. In Czech with Russian, German, and English summ. WR 193

84-003014 Robinson, C. J. and P. Y. Burns. RECOGNITION OF FOREST HABITATS IN LOUISIANA BY USE OF LANDSAT. *Proc. La. Acad. Sci.* 46:135. 1983. Abstract only. WR 193
[La. State Univ., Baton Rouge]

84-003015 Sofron, Jaromír. VEGETACE SPR STEBNICKÁ MAGURA. [VEGETATION OF THE STATE NATURE RESERVATION STEBNICKÁ MAGURA.] *Cesk. Ochr. Prir.* 18:59-69. 1978. In Czech with Russian, German, and English summ. WR 193

84-003016 Steele, Robert. AN APPROACH TO CLASSIFYING SERAL VEGETATION WITHIN HABITAT TYPES. *Northwest Sci.* 58(1):29-39. Feb. 1984. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., For. Sci. Lab., 316 E. Myrtle St., Boise, ID 83702]

84-003017 Tew, Ronald K. MANAGEMENT IMPLICATIONS ASSOCIATED WITH LAND STRATIFICATION AND HABITAT TYPING. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 2-5. Nov. 1983. WR 193
[U.S. For. Serv., Boise Natl. Forest, Boise, ID]

PLANTS--FLORAS, COMMUNITIES, AND MANUALS

84-003018 Gunatilleke, I. A. U. N. and C. V. S. Gunatilleke. DISTRIBUTION OF ENDEMICS IN THE TREE FLORA OF A LOWLAND HILL FOREST IN SRI LANKA. *Biol. Conserv.* 28(3):275-285. 1984. WR 193
[Dep. Bot., Univ. Peradeniya, Peradeniya, Sri Lanka]

84-003019 Uotila, Pertti. PROJEKTET HOTADE VÄXTER I NYLANDS LÄN. [THE THREATENED PLANTS PROJECT IN THE PROVINCE OF UUSIMAA, S. FINLAND.] *Mem. Soc. Fauna Flora Fenn.* 59(3):106-112. 1983. In Finnish with English summ. WR 193
[Bot. Mus., Univ. Helsinki, Unioninkatu 44, SF-00170 Helsinki 17, Finland]

PLANTS--HABITAT SURVEYS

84-003020 Hettinger, Loren R. VEGETATION MAPPING FOR HABITAT AND WETLAND ASSESSMENT ALONG PROPOSED MINE TRANSPORTATION ROUTES, NORTHWESTERN ALASKA. *Proc. Alaska Sci. Conf.* 34:28. 1983. Abstract only. WR 193
[Dames & Moore, Golden, CO]

PLANTS--HABITAT SURVEYS (CONTINUED)

84-003021 Kennedy, C. E. VEGETATION CLASSIFICATION AND MAPPING YUKON ECOLOGICAL LAND SURVEY. *Proc. Alaska Sci. Conf.* 34:25. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Box 2703, Whitehorse, Yukon, Canada Y1A 2C6]

84-003022 Payson, T. E.; J. A. Derby and C. E. Conrad. VEGETATION CLASSIFICATION SYSTEM FOR USE IN CALIFORNIA: ITS CONCEPTUAL BASIS. *U.S. For. Serv. Gen. Tech. Rep.* PSW-63. 19p. 1983. From U.S. Government Reports 84(2):13. 20 Jan. 1984. Available from NTIS as PB84-111087. WR 193

84-003023 Rill, Katherine Dorney. A VASCULAR FLORA OF WINNEBAGO COUNTY, WISCONSIN. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):155-180. 1983. WR 193
[1520 Bowen St., Oshkosh, WI 54901]

84-003024 Shimabukuro, Y. E.; J. R. Dos Santos and L. C. S. De Aquino. VEGETATION SURVEY IN AMAZONIA USING LANDSAT DATA. *Inst. Pesquisas Espaciais, Brazil* 6p. June 1982. From U.S. Government Reports 84(4):14. 17 Feb. 1984. Available from NTIS as AD-P002 054/5. WR 193

84-003025 Steele, R.; S. Cooper; D. Ondov; D. Roberts and R. Pfister. FOREST HABITAT TYPES OF EASTERN IDAHO-WESTERN WYOMING. *U.S. For. Serv. Gen. Tech. Rep.* INT-144. 129p. July 1983. From U.S. Government Reports 84(2):12. 20 Jan. 1984. Available from NTIS as PB84-105741. WR 193

84-003026 Viereck, Leslie A. and C. T. Dyrness. A CLASSIFICATION SYSTEM FOR ALASKA VEGETATION: CURRENT STATUS AND FUTURE NEEDS. *Proc. Alaska Sci. Conf.* 34:27. 1983. Abstract only. WR 193
[Inst. Northern For., U.S. For. Serv., Fairbanks, AK]

84-003027 Walker, Donald A. A FOUR-LEVEL VEGETATION MAPPING SYSTEM FOR ARCTIC TUNDRA. *Proc. Alaska Sci. Conf.* 34:26. 1983. Abstract only. WR 193
[Inst. Arctic & Alpine Res., Univ. Colo., Boulder 80309]

84-003028 Woodcock, C. E.; J. Franklin; A. H. Strahler and T. L. Logan. IMPROVEMENTS IN FOREST CLASSIFICATION AND INVENTORY USING REMOTELY SENSED DATA. *Jet Propulsion Lab., Pasadena, Calif.* 12p. June 1982. From U.S. Government Reports 84(4):14. 17 Feb. 1984. Available from NTIS as AD-P002 070/1. WR 193

WILDLIFE--GENERAL

84-003029 Berry, R. J. EVOLUTION OF ANIMALS AND PLANTS. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:433-447. 1983. WR 193
[Dep. Zool., Univ. Coll., Gower St., London WC1E 6BT, England]

84-003030 Bunnell, Fred L.; Donald S. Eastman and James M. Peek, editors. SYMPOSIUM ON NATURAL REGULATION OF WILDLIFE POPULATIONS, MARCH 10, 1978, VANCOUVER, BRITISH COLUMBIA, CANADA. *Univ. Idaho For. Wildl. Range Exp.*

WILDLIFE--GENERAL (CONTINUED)

84-003030 CONTINUED *Stn. Proc.* No. 14. 225p. Sept. 1983. WR 193
Collection of 11 papers covered individually in this issue of *Wildlife Review*.

84-003031 De, S. S. RANDOM PREDATOR-PREY INTERACTIONS IN A VARYING ENVIRONMENT: EXTINCTION OR SURVIVAL. *Bull. Math. Biol.* 46(1):175-184. 1984. WR 193
[Dep. Appl. Math., Calcutta Univ., Univ. Coll. Sci., 92 A.P.C. Rd., Calcutta-9, India]

84-003032 Emlen, John M. NATURAL SELECTION AND POPULATION DENSITY-FEEDBACK. I. POPULATION LIMITATION BY FOOD SHORTAGE, PREDATION, AND SELF-DAMPING FACTORS. *Theor. Popul. Biol.* 25(1):41-61. Feb. 1984. WR 193
[Dep. Biol., Indiana Univ., Bloomington 47405]

84-003033 Emlen, John M. NATURAL SELECTION AND POPULATION DENSITY-FEEDBACK. II. THE EVOLUTION OF FUNCTIONAL RESPONSE CURVES. *Theor. Popul. Biol.* 25(1):62-77. Feb. 1984. WR 193
[Dep. Biol., Indiana Univ., Bloomington 47405]

84-003034 Fagen, Robert. PHENOTYPIC PLASTICITY--EVOLUTION AND ECOLOGY. *Proc. Alaska Sci. Conf.* 34:67. 1983. Abstract only. WR 193
[School Fish. & Sci., Univ. Alaska, Juneau]

84-003035 Hirata, Hironori and Robert E. Ulanowicz. INFORMATION THEORETICAL ANALYSIS OF ECOLOGICAL NETWORKS. *Int. J. Syst. Sci.* 15(3):261-270. Mar. 1984. WR 193
[Dep. Electronics, Fac. Eng., Chiba Univ., 1-33 Yayoi-cho, Chiba-shi, 260 Japan]

84-003036 Kokordák, Ján. ZIVOTNÉ PROSTREDIE VOD VYCHODOSLOVENSKEJ NÍZINY. [LIFE ENVIRONMENT OF WATERS OF THE LOWLAND OF EASTERN SLOVAKIA.] *Cesk. Ochr. Prir.* 18:153-173. 1978. In Czech with Russian, German, and English summ. WR 193

84-003037 Mace, Georgina M. and Paul H. Harvey. ENERGETIC CONSTRAINTS ON HOME-RANGE SIZE. *Am. Nat.* 121(1):120-132. Jan. 1983. WR 193
[Dep Zool., The Univ., Newcastle-upon-Tyne, NE1 7RU England]

84-003038 Richardson, B. J. IDENTIFYING THE AUSTRALIAN FAUNA: WHAT REAMAINS TO BE DONE? *Search (Syd.)* 14(11-12):320-323. Dec. 1983-Jan. 1984. WR 193
[Bur. Flora & Fauna, Canberra, A.C.T., Australia]

84-003039 Schuster, P. and K. Sigmund. RANDOM SELECTION--A SIMPLE MODEL BASED ON LINEAR BIRTH AND DEATH PROCESSES. *Bull. Math. Biol.* 46(1):11-17. 1984. WR 193
[Inst. Theor. Chem. & Strahlenchem., Univ. Vienna, A-1090 Vienna, Austria]

WILDLIFE--TECHNIQUES

84-003040 Beaver, Donald L.; James H. Asher; Richard W. Hill and Robert J. Robbins. ELF (EXTREMELY LOW FREQUENCY) COMMUNICATIONS SYSTEM ECOLOGICAL MONITORING PROGRAM. SMALL VERTEBRATES: THE MICHIGAN STUDY SITE TASKS 5.6, SMALL MAMMALS, AND 5.12 A, NESTING BIRDS. *Mich. State Univ., East Lansing* 136p. 1982. From U.S. Government Reports 83(24):6034. 25 Nov. 1983. Available from NTIS as AD-P001 281/5. WR 193

84-003041 Bondrup-Nielsen, Søren. DENSITY ESTIMATION AS A FUNCTION OF LIVE-TRAPPING GRID AND HOME RANGE SIZE. *Can. J. Zool.* 61(10):2361-2365. Oct. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

84-003042 Call, Mayo W. TERRESTRIAL WILDLIFE INVENTORIES - SOME METHODS AND CONCEPTS. *U.S. Bur. Land Manage. Tech. Note* TN-349. 187p. Sept. 1981. From U.S. Government Reports 83(26):6553. 23 Dec. 1983. Available from NTIS as PB83-262691. WR 193

84-003043 Congalton, R. G.; J. T. Heinen and R. G. Oderwald. UPDATE AND REVIEW OF ACCURACY ASSESSMENT TECHNIQUES FOR REMOTELY SENSED DATA. *Va. Polytech. Inst. & State Univ., Blacksburg* 41p. Jan. 1983. From U.S. Government Reports 84(4):15. 17 Feb. 1984. Available from NTIS as N84-10646/7. WR 193

84-003044 Dathe, Heinrich. GRABENPROFILE DER ABSPERRGRÄBEN IM TIERPARK BERLIN. [THE TRENCH PROFILE OF THE INCLUSION TRENCHES IN THE ZOOLOGICAL GARDEN OF BERLIN.] *Zool. Gart.* 53(2):81-92. 1983. In German. WR 193
[Tierpark Berlin, Am. Tierpark 125, 1136 Berlin, East Germany]

84-003045 DeAngelis, D. L.; E. W. Stiles; W. C. Johnson; D. M. Sharpe and R. K. Schreiber. MODEL FOR THE DISPERSAL OF SEEDS BY ANIMALS. *Oak Ridge Natl. Lab., Tenn.* 50p. July 1977. From U.S. Government Reports 84(2):11. 20 Jan. 1984. Available from NTIS as DE83014893. WR 193

84-003046 Dupont, William D. A STOCHASTIC CATCH-EFFORT METHOD FOR ESTIMATING ANIMAL ABUNDANCE. *Biometrics* 39(4):1021-1033. Dec. 1983. WR 193
[Dep. Preventive Med., Vanderbilt Univ., Nashville, TN 37232]

84-003047 Environmental Research Institute. PAPERS SELECTED FOR PRESENTATION AT THE INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT (16th) HELD AT BUENOS AIRES, ARGENTINA ON 2-9 JUNE 1982. VOLUME 2. *Environ. Res. Inst., Ann Arbor, Mich.* 497p. June 1982. From U.S. Government Reports 84(4):91. 17 Feb. 1984. Available from NTIS as AD-A134 720/2. WR 193

84-003048 Environmental Research Institute of Michigan. PROCEEDINGS OF THE SEVENTEENTH INTERNATIONAL SYMPOSIUM ON REMOTE SENSING OF ENVIRONMENT. *Environ. Res. Inst. Mich.* xxviii + 1446p. [1983.] WR 193
[P.O. Box 8618, Ann Arbor, MI 48107] The proceedings consists of about 140 papers and is published in three volumes. Selected papers are included in this issue of *Wildlife Review*.

WILDLIFE--TECHNIQUES (CONTINUED)

84-003049 Frederick, Robert B.; Erwin E. Klaas; Guy A. Baldassarre and Kenneth J. Reinecke. A METHOD FOR SAMPLING WASTE CORN. *J. Wildl. Manage.* 48(1):298-303. Jan. 1984. WR 193
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond 40475]

84-003050 Garrido, José Luis and Zsolt Kovacs. RECUENTOS DE LINEA DE MARCHA DE ÑANDU Y MARA. [ROADSIDE COUNT OF ÑANDU AND MARA.] *Cent. Nac. Patagonico Contrib.* No. 65. p. 1-7. 1982. In Spanish with English summ. WR 193
Pterocnemia pennata and *Dolichotis patagonum* in Argentina.

84-003051 Haas, Gerhard. NEUE MENSCHENAFFENANLAGE IM ZOO WUPPERTAL. [NEW INSTALLATIONS IN THE ZOO IN WUPPERTAL.] *Zool. Gart.* 53(2):93-101. 1983. In German with English summ. WR 193
[Zool. Gart., Hubertusallee 30, D-5600 Wuppertal 1, West Germany]

84-003052 Hamaker, C. and J. W. Koeppl. ESTIMATION OF THE LATITUDE AND LONGITUDE COORDINATES OF POINTS ON MAPS. *Occas. Pap. Mus. Nat. Hist. Univ. Kans.* No. 108. 9p. 29 Feb. 1984. WR 193
[Dep. Math., Univ. Kans., Lawrence 66045]

84-003053 Indian Institute of Technology. NATIONAL CONFERENCE ON APPLICATION OF REMOTE SENSING TO NATURAL RESOURCES, ENVIRONMENT, LAND USE AND PROBLEMS RELATING TO TRAINING AND EDUCATION HELD AT BOMBAY (INDIA) ON MARCH 3-4, 1983: ABSTRACTS. *Indian Inst. Technol., Bombay* 87p. Mar. 1983. From U.S. Government Reports 84(2):46. 20 Jan. 1984. Available from NTIS as PB84-108620. WR 193

84-003054 Jones, Steven M. and David H. Van Lear. POTENTIAL OF THE HABITAT TYPE CLASSIFICATION APPROACH AT THE SAVANNAH RIVER PLANT SITE, AIKEN, S.C. *Bull. S.C. Acad. Sci.* 43:91. 1981. Abstract only. WR 193

84-003055 Kaiser, Lee. UNBIASED ESTIMATION IN LINE-INTERCEPT SAMPLING. *Biometrics* 39(4):965-976. Dec. 1983. WR 193
[Sterling-Winthrop Inst., Rensselaer, NY 12144]

84-003056 Kincaid, W. Bradley and Edwin H. Bryant. A GEOMETRIC METHOD FOR EVALUATING THE NULL HYPOTHESIS OF RANDOM HABITAT UTILIZATION. *Ecology* 64(6):1463-1470. Dec. 1983. WR 193
[Dep. Bot. & Microbiol., Ariz. State Univ., Tempe 85281]

84-003057 Lo, Hing-P. and Jagannath K. Wani. MAXIMUM LIKELIHOOD ESTIMATION OF THE PARAMETERS OF THE INVARIANT ABUNDANCE DISTRIBUTIONS. *Biometrics* 39(4):977-986. Dec. 1983. WR 193
[Dep. Math., Hong Kong Polytech., Kowloon, Hong Kong]

84-003058 Longdon, N. and O. Melita. REMOTE SENSING APPLICATIONS FOR ENVIRONMENTAL STUDIES. *European Space Agency, Paris* 303p. July 1983. From U.S. Government Reports 84(6):6. 16 Mar. 1984. Available from NTIS as N84-12579/8. WR 193

WILDLIFE--TECHNIQUES (CONTINUED)

84-003059 Lyon, J. G. and N. E. G. Roller. REMOTE SENSING FOR WILDLIFE HABITAT EVALUATION MODELS. *Presented at the Seventeenth International Symposium on Remote Sensing of Environment, Ann Arbor, Michigan, May 9-13, 1983*. p. 155. [1983.] Abstract only. WR 193
[Ohio State Univ., Columbus]

84-003060 Nichols, James D.; James E. Hines and Kenneth H. Pollock. EFFECTS OF PERMANENT TRAP RESPONSE IN CAPTURE PROBABILITY ON JOLLY-SEBER CAPTURE-RECAPTURE MODEL ESTIMATES. *J. Wildl. Manage.* 48(1):289-294. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-003061 Platts, William S.; Walter F. Megahan and G. Wayne Minshall. METHODS FOR EVALUATING STREAM, RIPARIAN, AND BIOTIC CONDITIONS. *U.S. For. Serv. Gen. Tech. Rep.* INT-138. 77p. May 1983. From U.S. Government Reports 83(21):5036. 14 Oct. 1983. Available from NTIS as PB83-225300. WR 193

84-003062 Poley, Dieter. DIE AFRIKA-ANLAGE DES HEIDELBERGER TIERGARTENS. [THE AFRICA-INSTALLATION OF THE ZOOLOGICAL GARDEN OF HEIDELBERG.] *Zool. Gart.* 53(2):149-165. 1983. In German with English summ. WR 193
[Tiergarten Heildelberg, Tiergartenstr. 3, D-6900 Heidelberg, West Germany]

84-003063 Pollock, Kenneth H. and Mark C. Otto. ROBUST ESTIMATION OF POPULATION SIZE IN CLOSED ANIMAL POPULATIONS FROM CAPTURE-RECAPTURE EXPERIMENTS. *Biometrics* 39(4):1035-1049. Dec. 1983. WR 193
[Dep. Statistics, Box 5457, N.C. State Univ., Raleigh 27650]

84-003064 Quick, Debra L. Forthman. AN INTEGRATIVE APPROACH TO ENVIRONMENTAL ENGINEERING IN ZOOS. *Zoo Biol.* 3(1):65-77. 1984. WR 193
[Res. Dep., Los Angeles Zoo, 5333 Zoo Dr., Los Angeles, CA 90027]

84-003065 Reed, William J. CONFIDENCE ESTIMATION OF ECOLOGICAL AGGREGATION INDICES BASED ON COUNTS--A ROBUST PROCEDURE. *Biometrics* 39(4):987-998. Dec. 1983. WR 193
[Dep. Math., Univ. Victoria, P.O. Box 1700, Victoria, British Columbia, Canada V8W 2Y2]

84-003066 Rummel, John D. and Jonathan Roughgarden. SOME DIFFERENCES BETWEEN INVASION-STRUCTURED AND COEVOLUTION-STRUCTURED COMPETITIVE COMMUNITIES: A PRELIMINARY THEORETICAL ANALYSIS. *Oikos* 41(3):477-486. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol. Sci., Stanford Univ., Stanford, CA 94305]

84-003067 Schoener, Thomas W. SIMPLE MODELS OF OPTIMAL FEEDING-TERRITORY SIZE: A RECONCILIATION. *Am. Nat.* 121(5):608-629. May 1983. WR 193
[Dep. Zool., Univ. Calif., Davis 95616]

84-003068 Stebbins, Lucius and David Daisley. A SIMPLE DEVICE FOR FIELD STUDIES OF ANIMAL ACTIVITY. *Can. J. Zool.* 61(6):1401-1404. June 1983. In English with French summ. WR 193
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4]

WILDLIFE--TECHNIQUES (CONTINUED)

84-003069 Taillard, C.; G. Mariannéau and C. Baudoin. RÉALISATION EN CIRCUIT HYBRIDE D'UN ÉMETTEUR DE RADIOPOURSUITE (144-148 MHz). [ATTAINMENT OF A HYBRID CIRCUIT IN A RADIO CONTROLLED TRANSMITTER (144-148 MHz).] *Terre Vie* 38(1):101-105. 1983. In French with English summ. WR 193
[Lab. Psychophysiol., Fac. Sci., Route de Gray, 25030 Besançon Cedex, France]

84-003070 Tsuchiya, Kiyoshi; Katsuaki Kokubo; Kohei Arai and Chu Ishida. A STUDY ON LOCAL NATURAL ENVIRONMENT BY MULTI OBSERVATION. *Presented at the Seventeenth International Symposium on Remote Sensing of Environment, Ann Arbor, Michigan, May 9-13, 1983*. p. 731-739. [1983.] WR 193
[Inst. Color & Image Technol., Chiba Univ. 1-33, Yayoi-cho, Chiba-city, 260 Japan]

84-003071 Tullock, Gordon. TERRITORIAL BOUNDARIES: AN ECONOMIC VIEW. *Am. Nat*. 121(3):440-442. Mar. 1983. WR 193
[Cent. Study Public Choice, Va. Polytech. Inst. & State Univ., Blacksburg 24061]

84-003072 Umbreit, N. CHEMICAL RESTRAINT OF REPTILES, AMPHIBIANS, FISH, BIRDS, SMALL MAMMALS AND SELECTED MARINE MAMMALS IN NORTH AMERICA: AN ANNOTATED BIBLIOGRAPHY. *U.S. Bur. Land Manage. Tech. Note* TN-340. 181p. May 1980. From U.S. Government Reports 84(7):42. 30 Mar. 1984. Available from NTIS as PB84-140722. WR 193

84-003073 White, Gary C. and Robert A. Garrott. PORTABLE COMPUTER SYSTEM FOR FIELD PROCESSING BIOTELEMETRY TRIANGULATION DATA. *Colo. Div. Wildl. Game Inf. Leafl*. No. 110. 4p. Jan. 1984. WR 193
[Environ. Sci., MS-K495, Los Alamos Natl. Lab., Los Alamos, NM 87545]

84-003074 White, Robert G. VIDEO-TO-DIGITAL INTERFACE FOR NATURAL RESOURCE MANAGEMENT. *Presented at the Seventeenth International Symposium on Remote Sensing of Environment, Ann Arbor, Michigan, May 9-13, 1983*. p. 179-184. [1983.] WR 193
[Measuronics Corp., Great Falls, MT]

84-003075 Wright, S. Joseph and Stephen P. Hubbell. STOCHASTIC EXTINCTION AND RESERVE SIZE: A FOCAL SPECIES APPROACH. *Oikos* 41(3):466-476. Dec. 1983. In English with Russian summ. WR 193
[Dep. Zool., Univ. Iowa, Iowa City 52242]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS

84-003076 Abbott, Ian. THE MEANING OF *z* IN SPECIES/AREA REGRESSIONS AND THE STUDY OF SPECIES TURNOVER IN ISLAND BIOGEOGRAPHY. *Oikos* 41(3):385-390. Dec. 1983. In English with Russian summ. WR 193
[Zool. Dep., Univ. Western Australia, Nedlands, Western Australia 6009, Australia]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

84-003077 Beregovoy, Vladimir H. and Mark W. Brucker. THE CHECKLIST OF TERRESTRIAL VERTEBRATES OBSERVED ON THE ABANDONED COAL MINES OF WESTERN NORTH DAKOTA. *Proc. Mont. Acad. Sci.* 42:24-31. 1983. WR 193
[Dep. Zool., N.D. State Univ., Fargo 58105]

84-003078 Berry, R. J. DIVERSITY AND DIFFERENTIATION: THE IMPORTANCE OF ISLAND BIOLOGY FOR GENERAL THEORY. *Oikos* 41(3):523-529. Dec. 1983. In English with Russian summ. WR 193
[Dep. Zool., Univ. Coll. London, Gower St., London WC1E 6BT, England]

84-003079 Bosakowski, Thomas and Robert Pitler. HIGHER [VERTEBRATES] OF THE HACKENSACK RIVER TIDAL MARSHES. *Underwater Nat.* 14(4):18-23. 1984. WR 193
[Dep. Toxicol. & Pathol., Hoffman-La Roche, Inc., Nutley, NJ]

84-003080 Bullock, David and Steven North. ROUND ISLAND IN 1982. *Oryx* 18(1):36-41. Jan. 1984. WR 193
[Dep. Bot., The Univ., St. Andrews, Fife KY16 9AL, Scotland]

84-003081 Ceballos Benito, Julio Jose. LAS CAMBRONERAS Y GARGANTA SECA. [THE CAMBRONERAS OR GARGANTA SECA (DRY GORGE).] *Vida Silvestre* No. 46. p. 124-131. June 1983. In Spanish. WR 193

84-003082 Connor, Edward F. and Daniel Simberloff. INTERSPECIFIC COMPETITION AND SPECIES CO-OCCURRENCE PATTERNS ON ISLANDS: NULL MODELS AND THE EVALUATION OF EVIDENCE. *Oikos* 41(3):455-465. Dec. 1983. In English with Russian summ. WR 193
[Dep. Environ. Sci., Clark Hall, Univ. Va., Charlottesville 22903]

84-003083 Cooper, J. PELAGIC BIRDS AND MAMMALS OF THE SOUTHERN BENGUELA REGION. *Trans. R. Soc. S. Afr.* 44(3):373-378. Dec. 1981. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-003084 Emmons, L. H. and A. H. Gentry. TROPICAL FOREST STRUCTURE AND THE DISTRIBUTION OF GLIDING AND PREHENSILE-TAILED VERTEBRATES. *Am. Nat.* 121(4):513-524. Apr. 1983. WR 193
[Div. Mammals, Smithsonian Inst., Washington, DC 20560]

84-003085 Ibañez, Fernando; Fernandez De Angulo and Jaime Martino Diaz-Caneja. SAJAMBRE: UN VALLE EN LOS PICOS DE EUROPA. [SAJAMBRE: A VALLEY IN THE PICOS DE EUROPA.] *Vida Silvestre* No. 46. p. 110-123. June 1983. In Spanish. WR 193

84-003086 Nelson, R. Wayne; William J. Logan and Emily C. Weller. PLAYA WETLANDS AND WILDLIFE ON THE SOUTHERN GREAT PLAINS: A CHARACTERIZATION OF HABITAT. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/28. xvi + 163p. Sept. 1983. WR 193
[R. Wayne Nelson & Assoc., Inc., 275 Spruce Court, Boulder, CO 80302]

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

84-003087 Ogle, C. and J. Cheyne. WILDLIFE OF THE WHANGAMARINO WETLANDS, LOWER WAIKATO RIVER BASIN. *Wildl. Rev. N.Z. Wildl. Serv.* No. 12. p. 27-32. 1983. WR 193

84-003088 Parmenter, Robert R.; James A. MacMahon and Stephen B. Vander Wall. THE MEASUREMENT OF GRANIVORY BY DESERT RODENTS, BIRDS AND ANTS: A COMPARISON OF AN ENERGETICS APPROACH AND A SEED-DISH TECHNIQUE. *J. Arid Environ.* 7(1):75-92. Mar. 1984. WR 193
[Vander Wall: Dep. Biol. & Ecol. Cent., UMC-53, Utah State Univ., Logan 84322]

84-003089 Pecina, Pavel and Kamil Sedlácek. POZNÁMKY K VERTEBRATOFAUNE STÁTNÍ PRÍRODNÍ REZERVACE ZEHUNSKY RYBNÍK. [NOTES TO THE VERTEBRATOFAUNA OF THE STATE NATURE RESERVATION OF ZEHUNSKY RYBNÍK.] *Cesk. Ochr. Prir.* 18:39-57. 1978. In Czech with Russian, German, and English summ. WR 193

84-003090 Podoll, Erling B. (Punch). PRAIRIE WETLANDS: HOME FOR OVER 100 WILDLIFE SPECIES. *U.S. Dep. Agric. Yearb. Agric.* 1983:252-261. 1983. WR 193

84-003091 Reichholf, Josef H. ANALYSE VON VERBREITUNGSMUSTERN DER WASSERVÖGEL UND SÄUGETIERE IN SÜDAMERIKA. [ANALYSIS OF PATTERNS OF DISTRIBUTION OF WATER BIRDS AND MAMMALS IN SOUTH AMERICA.] *Spixiana* Suppl. 9. p. 167-178. 15 Dec. 1983. In German with English summ. WR 193
[Zool. Staatssammlung, Maria-Ward-Str. 1B, D-8000 Münich 19, West Germany]

84-003092 Rybár, Petr. INVENTARIZACNÍ PRŮZKUM OBRATLOVCŮ NAVRZENÉ SPR ZEMSKÁ BRÁNA V CHKO ORLICKÉ HORY. [INVENTORYING RESEARCH OF VERTEBRATES OF THE PROPOSED STATE NATURE RESERVATION ZEMSKÁ BRÁNA IN THE PROTECTED LANDSCAPE REGION ORLICKÉ HORY.] *Cesk. Ochr. Prir.* 19:253-268. 1979. In Czech with Russian, German, and English summ. WR 193

84-003093 Salwasser, Hal. GRIZZLIES, ELK, EAGLES: WILDLIFE DIVERSITY AND THE NATIONAL FORESTS. *U.S. Dep. Agric. Yearb. Agric.* 1983:156-165. 1983. WR 193

84-003094 Schoener, Thomas W. RATE OF SPECIES TURNOVER DECREASES FROM LOWER TO HIGHER ORGANISMS: A REVIEW OF THE DATA. *Oikos* 41(3):372-377. Dec. 1983. In English with Russian summ. WR 193
[Dep. Zool., Univ. Calif., Davis 96516]

84-003095 Short, Henry L. WILDLIFE GUILDS IN ARIZONA DESERT HABITATS. *U.S. Bur. Land Manage. Tech. Note* TN-362. xi + 258p. Feb. 1983. WR 193
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526]

84-003096 Smith, Edward R. and Ramon L. Callahan. BOTTOM LAND HARDWOODS--FOR WILDLIFE AND TIMBER. *U.S. Dep. Agric. Yearb. Agric.* 1983:244-251. 1983. WR 193

WILDLIFE--FAUNAS, NATURAL HISTORY, AND MANUALS (CONTINUED)

84-003097 Steffeck, Donald W. TERRESTRIAL AND AQUATIC BIOLOGICAL INVENTORY; MEREDOSIA LAKE AND WILLOW CREEK DRAINAGE AND LEVEE DISTRICT: CASS AND MORGAN COUNTIES, ILLINOIS. *U.S. Fish Wildl. Serv., Rock Island, Ill.* 170p. Dec. 1982. From U.S. Government Reports 84(1):34. 6 Jan. 1984. Available from NTIS as AD-A133 054/7. WR 193

84-003098 Stenseth, Nils Chr. A COEVOLUTIONARY THEORY FOR COMMUNITIES AND FOOD WEB CONFIGURATIONS. *Oikos* 41(3):487-495. Dec. 1983. In English with Russian summ. WR 193
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

84-003099 Strange, Ian. FORTRESS FALKLANDS--BUT IS ITS WILDLIFE SECURE? *Oryx* 18(1):14-21. Jan. 1984. WR 193
[Stanley, Falkland Islands]

84-003100 Terborgh, John W.; John W. Fitzpatrick and Louise Emmons. ANNOTATED CHECKLIST OF BIRD AND MAMMAL SPECIES OF COCHA CASHU BIOLOGICAL STATION, MANU NATIONAL PARK, PERU. *Fieldiana Zool. New Ser.* 21(1352):v + 29p. 31 Jan. 1984. WR 193
[Dep. Biol., Princeton Univ., Princeton, NJ 08544]

84-003101 Vlcek, Miroslav. SUCHOZEMSTÍ OBRATLOVCI STÁTNÍ PRÍRODNÍ REZERVACE MILÁ. [DRY-LAND VERTEBRATES OF THE STATE NATURE RESERVATION MILÁ.] *Cesk. Ochr. Prir.* 18:105-124. 1978. In Czech with Russian, German, and English summ. WR 193

84-003102 Wodzicki, K. and S. Wright. LES OISEAUX ET LES MAMMIFERES INTRODUITS EN NOUVELLE ZELANDE ET LEURS EFFETS SUR L'ENVIRONMENT. [INTRODUCTION OF BIRDS AND MAMMALS IN NEW ZEALAND AND THEIR EFFECTS ON THE ENVIRONMENT.] *C.R. Soc. Biogeogr.* 59(2):231-256. 1983. In French with English summ. WR 193
[Wright: Zool. Dep., Victoria Univ., Wellington, New Zealand]

84-003103 Wright, David Hamilton. SPECIES ENERGY THEORY: AN EXTENSION OF SPECIES-AREA THEORY. *Oikos* 41(3):496-506. Dec. 1983. In English with Russian summ. WR 193
[Dep. Ecol. & Evol. Biol., Univ. Ariz., Tucson 85721]

WILDLIFE--NATURAL AREAS AND REFUGES

84-003104 Antczak, Andrzej. OBSERWACJE SRODOWISKA PRZYRODNICZEGO BIALOWIESKIEGO PARKU NARODOWEGO. [THE NATURE ENVIRONMENT OBSERVATIONS IN THE BIALOWIEZA NATIONAL PARK.] *Parki Nar. Rez. Przyr.* 2(1):75-83. 1981. In Polish with English summ. WR 193
[Bialowieski Park Narodowy, 17-230 Bialowieza, Poland]

84-003105 Bahr, Leonard M., Jr.; Robert Costanza; John W. Day, Jr.; Suzanne E. Bayley; Christopher Neill; Scott G. Leibowitz and Jean Fruci. ECOLOGICAL CHARACTERIZATION OF THE MISSISSIPPI DELTAIC PLAIN REGION: A

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003105 CONTINUED NARRATIVE WITH MANAGEMENT RECOMMENDATIONS. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/69. 189p. Sept. 1983. WR 193
[Coastal Ecol. Lab., Cent. Wetland Resour., La. State Univ., Baton Rouge 70803]

84-003106 Benko, Jozef. STAROSTLIVOST O CHRÁNENÉ ÚZEMIA A LESNY HOSPODÁRSKY PLÁN. [CARE OF PROTECTED TERRITORIES AND FOREST ECONOMIC PLAN.] *Cesk. Ochr. Prir.* 17:5-38. 1977. In Czech with Russian, German, and English summ. WR 193

84-003107 Boyd, John Morton. NATURAL ENVIRONMENT OF THE INNER HEBRIDES--AN INTRODUCTION. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:3-22. 1983. WR 193
[Nat. Conserv. Council, 12 Hope Terrace, Edinburgh EH9 2AS, Scotland]

84-003108 Burkovsky, Július. HODNOTENIE CHRÁNENYCH ÚZEMÍ STREDOSLOVENSKÉHO KRAJA. [EVALUATION OF PROTECTED TERRRITORIES OF THE MIDDLE-SLOVAK REGION.] *Cesk. Ochr. Prir.* 17:39-63. 1977. In Czech with Russian, German, and English summ. WR 193

84-003109 Carls, E. Glenn and A. K. Ludeke. STATE PARK CONTRIBUTIONS TO NATURAL AREA PROTECTION IN TEXAS, USA. *Biol. Conserv.* 28(2):95-110. 1984. WR 193
[Dep. Recreation & Parks, Tex. A&M Univ., College Station 77843]

84-003110 Chaplin, Tom. LA TIGRA - A PARK IN THE CLOUDS. *Parks Recreation* 16(8):36-39. Aug. 1981. WR 193

84-003111 Choudhury, Anwar Uddin. PLEA FOR A NEW WILDLIFE REFUGE IN EASTERN INDIA. *Tigerpaper* 10(4):12-15. 1983. WR 193
[Assam Civil Serv. Class I, Gauhati, India]

84-003112 Cintron, Gilberto. INTRODUCCION A LA ECOLOGIA DEL MANGLAR. [INTRODUCTION TO THE ECOLOGY OF MANGROVES.] *Puerto Rico Dep. Nat. Resour., San Juan* 24p. 1981. From U.S. Government Reports 83(20):4828. 30 Sept. 1983. Available from NTIS as PB83-218107. WR 193

84-003113 Cintron, Gilberto and Yara Schaefeer-Novelli. MANGROVE FORESTS: ECOLOGY AND REPSONSE TO NATURAL AND MAN INDUCED STRESSORS. *Puerto Rico Dep. Nat. Resour., San Juan* 52p. May 1982. From U.S. Government Reports 83(20):4828. 30 Sept. 1983. Available from NTIS as PB83-218115. WR 193

84-003114 Craft, Billy R. LOUISIANA STORY: THE GULF COAST WETLANDS. *U.S. Dep. Agric. Yearb. Agric.* 1983:262-267. 1983. WR 193

84-003115 Dilger F., R. AREAS SILVESTRES DE NICARAGUA. [WILD AREAS OF NICARAGUA.] *Inst. Nicar. Rec. Nat. Ambiente* 65p. July 1983. In Spanish. WR 193
[IRENA, Managua, Nicaragua]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003116 Eberhard, E. DVACET LET ZÁKONA O STÁTNÍ OCHRANE PRÍRODY V JIHOMORAVSKÉM KRAJI. [TWENTY YEARS OF THE LAW ON THE STATE NATURE PROTECTION IN THE REGION OF SOUTHERN MORAVIA.] *Cesk. Ochr. Prir.* 18:203-218. 1978. In Czech with Russian, German, and English summ. WR 193

84-003117 England, A. Sidney. THE COACHELLA VALLEY, AN ENDANGERED ECOSYSTEM: PROGRESS REPORT ON CONSERVATION AND MANAGEMENT EFFORTS. *Cal-Neva Wildl. Trans.* 1983:148-156. 1983. WR 193
[Wildl. & Fish., Univ. Calif., Davis 95616]

84-003118 Forestry Development Authority. SAPO NATIONAL PARK IN WEST AFRICA: LIBERIA'S FIRST. *Environ. Conserv.* 10(4):362. 1983. WR 193
[P.O. Box 3010, Monrovia, Liberia]

84-003119 Fredrickson, Leigh H. WETLANDS - A VANISHING RESOURCE. *U.S. Dep. Agric. Yearb. Agric.* 1983:234-243. 1983. WR 193

84-003120 Frost, Cecil C. NATURAL AREAS INVENTORY OF GATES COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 245p. Apr. 1982. From U.S. Government Reports 83(19):4730. 16 Sept. 1983. Available from NTIS as PB83-209098. WR 193

84-003121 Ghigiarelli, Elder A., Jr. and William S. Sipple. CHESAPEAKE BAY'S COASTAL WETLANDS, A BIOLOGICAL TREASURE. *U.S. Dep. Agric. Yearb. Agric.* 1983:268-277. 1983. WR 193

84-003122 Gould, Frank W. and Reid Moran. THE GRASSES OF BAJA CALIFORNIA, MEXICO. *San Diego Soc. Nat. Hist. Mem.* No. 12. 140p. 10 Nov. 1981. WR 193

84-003123 Hackwell, Kevin, editor. THE INTERNATIONAL SIGNIFICANCE OF NEW ZEALAND'S INDIGENOUS FORESTS. *Nat. Conserv. Council Inf. Leafl.* No. 19. 17p. 1983. WR 193
[P.O. Box 12-200, Wellington North, New Zealand]

84-003124 Holeksa, Jan and Krystyna Holeksa. ODDZIALYWANIE TURYSTYKI NA ROSLINNOSC BABIOGÓRSKIEGO PARKU NARODOWEGO. [INFLUENCE OF TOURIST TRAFFIC ON THE VEGETATION OF BABIA GÓRA NATIONAL PARK.] *Parki Nar. Rez. Przyr.* 2(1):3-24. 1981. In Polish with English summ. WR 193
[Bialowieska Stacja Geobot. UW, 17-230 Bialowieza, Poland]

84-003125 Jahn, Laurence R. WILDERNESS, NATURAL AREAS AND OTHER WILD LANDS. *U.S. Dep. Agric. Yearb. Agric.* 1983:362-375. 1983. WR 193

84-003126 Janzen, Daniel H. NO PARK IS AN ISLAND: INCREASE IN INTERFERENCE FROM OUTSIDE AS PARK SIZE DECREASES. *Oikos* 41(3):402-410. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol., Univ. Pa, Philadelphia 19104]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003127 Kelly, M. D. R. 1982 JOINT SERVICES EXPEDITION TO SOUTH GEORGIA. *Sea Swallow* 32:4-11. 1981/82. WR 193
[12 Valency Close, Northwood, Middlesex, England]

84-003128 Kennard, W. C.; M. W. Lefor and D. L. Civco. ANALYSIS OF COASTAL MARSH ECOSYSTEMS: EFFECT OF TIDES ON VEGETATIONAL CHANGE. *Inst. Water Resour., Univ. Conn., Storrs* 153p. June 1983. From U.S. Government Reports 83(24):6065. 25 Nov. 1983. Available from NTIS as PB83-246926. WR 193

84-003129 Klinda, Jozef. CEROVÁ VRCHOVINA Z HL'ADISKA OCHRANY PRÍRODY. [CER HIGHLANDS FROM THE VIEWPOINT OF NATURE PROTECTION.] *Cesk. Ochr. Prir.* 17:195-213. 1977. In Czech with Russian, German, and English summ. WR 193

84-003130 Kozak, Michal. BUDOVANIE ODPOCINKOVYCH A VYHLIADKOVYCH MIEST V CHRÁNENEJ KRAJINNEJ OBLASTI SLOVENSKY RAJ. [BUILDING OF RESTING PLACES AND BEAUTY SPOTS IN THE PROTECTED COUNTRY REGION OF SLOVENSKY RAJ (SLOVAK PARADISE).] *Cesk. Ochr. Prir.* 18:233-247. 1978. In Czech with Russian, German, and English summ. WR 193

84-003131 Kuncová, Jiromíra. BOTANICKY INVENTARIZACNÍ PRŮZKUM STÁTNÍ PRÍRODNÍ REZERVACE BORECSKY VRCH. [BOTANIC INVENTORY INVESTIGATION OF THE STATE NATURE RESERVATION BORECSKY VRCH.] *Cesk. Ochr. Prir.* 18:85-103. 1978. In Czech with Russian, German, and English summ. WR 193

84-003132 Leskovjanská, Anna. INVENTARIZACNY PRIESKUM V CHRÁNENEJ KRAJINNEJ OBLASTI SLOVENSKY RAJ. [INVENTORY INVESTIGATION IN THE PROTECTED COUNTRY REGION SLOVENSKY RAJ (SLOVAK PARADISE).] *Cesk. Ochr. Prir.* 18:125-137. 1978. In Czech with Russian, German, and English summ. WR 193

84-003133 Lynch, J. Merrill and S. Lance Peacock. NATURAL AREA INVENTORY OF HYDE COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 225p. Oct. 1982. From U.S. Government Reports 83(18):4521. 2 Sept. 1983. Available from NTIS as PB83-208728. WR 193

84-003134 Lynch, J. Merrill and S. Lance Peacock. NATURAL AREAS INVENTORY OF WASHINGTON COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 187p. Oct. 1982. From U.S. Government Reports 83(19):4730. 16 Sept. 1983. Available from NTIS as PB83-209080. WR 193

84-003135 Lyon, J. G. and C. E. Olson, Jr. ASSESSMENT OF WETLAND RESOURCES: MANUAL FOR A WORKSHOP. *Sea Grant Program, Univ. Mich.* 24p. 1983. From U.S. Government Reports 84(5):135. 2 Mar. 1984. Available from NTIS as PB84-129162. WR 193

84-003136 Magee, Dennis W. FRESHWATER WETLANDS. A GUIDE TO COMMON INDICATOR PLANTS OF THE NORTHEAST. *Univ. Mass. Press, Amherst* 256p. 1981. Price: Cloth $20.00, Paper $8.95. WR 193

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003137 McCabe, Robert A. THE LOSS OF AN ENTIRE WETLAND HABITAT AND ITS WILD BIRD POPULATIONS. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):78-81. 1983. WR 193
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706]

84-003138 McDonald, Charles B.; Andrew N. Ash and John O. Fussell. NATURAL AREAS INVENTORY OF CRAVEN COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 365p. Dec. 1981. From U.S. Government Reports 83(21):5037. 14 Oct. 1983. Available from NTIS as PB83-234021. WR 193

84-003139 McDonald, Charles B. and Andrew N. Ash. SURVEY OF NATURAL AREAS IN TYRRELL COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 111p. Jan. 198[illegible]. From U.S. Government Reports 83(19):4730. 16 Sept. 1983. Available from NTIS as PB83-209072. WR 193

84-003140 Nelson, R. Wayne; William J. Logan and Emily C. Weller. PLAYA WETLANDS AND WILDLIFE ON THE SOUTHERN GREAT PLAINS: A GUIDE TO HABITAT MANAGEMENT. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/29. ix + 99p. Sept. 1983. WR 193
[R. Wayne Nelson & Assoc., Inc., 275 Spruce Ct., Boulder, CO 80302]

84-003141 Nifong, Timothy D. NATURAL AREAS INVENTORY OF BRUNSWICK COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 263p. Aug. 1981. From U.S. Government Reports 83(21):5037. 14 Oct. 1983. Available from NTIS as PB83-234039. WR 193

84-003142 Okaeme, N. A. THE ECOLOGICAL COMMUNITY OF KAINJI LAKE NATIONAL PARK AND THE NEED FOR CONSERVATION. *Nigerian Field* 47(4):237-240. Aug. 1983. WR 193
[Kainji Lake Res. Inst., P.M.B. 666, New Bussa, Nigeria]

84-003143 Olmsted, Ingrid; William B. Robertson, Jr.; Jill Johnson and Oron L. Bass, Jr. VEGETATION OF LONG PINE KEY, EVERGLADES NATIONAL PARK. *Everglades Natl. Park, S. Fla. Res. Cent.* SFRC-83/05. 83p. Aug. 1983. From U.S. Government Reports 83(26):6455. 23 Dec. 1983. Available from NTIS as PB83-256867. WR 193

84-003144 Peacock, S. Lance and J. Merrill Lynch. NATURAL AREA INVENTORY OF MAINLAND DARE COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 160p. Nov. 1982. From U.S. Government Report 83(18):4521. 2 Sept. 1983. Available from NTIS as PB83-208736. WR 193

84-003145 Peacock, S. Lance and J. Merrill Lynch. NATURAL AREA INVENTORY OF PAMLICO COUNTY, NORTH CAROLINA. *N.C. Coastal Energy Impact Program, Raleigh* 130p. Nov. 1982. From U.S. Government Report 83(19):4730. 16 Sept. 1983. Available from NTIS as PB83-209114. WR 193

84-003146 Pequegnat, W. E.; L. H. Pequegnat; J. A. Kleypas; B. M. James and E. A. Kennedy. ECOLOGICAL COMMUNITIES OF THE CONTINENTAL SLOPE AND ADJACENT REGIMES OF THE NORTHERN GULF OF MEXICO: TEXT, PHOTOGRAPHIC ATLAS,

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003146 CONTINUED AND APPENDICES. *Tereco Corp., College Station, Tex.* 675p. Aug. 1983. From U.S. Government Reports 84(2):137. 20 Jan. 1984. Available from NTIS as PB84-113398. WR 193

84-003147 Pequegnat, W. E.; L. H. Pequegnat; J. A. Kleypas; B. M. James and E. A. Kennedy. ECOLOGICAL COMMUNITIES OF THE CONTINENTAL SLOPE AND ADJACENT REGIMES OF THE NORTHERN GULF OF MEXICO. EXECUTIVE SUMMARY. *Tereco Corp., College Station, Tex.* 46p. Aug. 1983. From U.S. Government Reports 84(2):137-138. 20 Jan. 1984. Available from NTIS as PB84-113406. WR 193

84-003148 Petrík, Matej and Dusan Slávik. MIKROKLÍMA PRIRODNEJ REZERVÁCIE DOBROCSKY PRALES. [MICROCLIMATE OF THE NATURE RESERVATION DOBROCSKY PRALES.] *Cesk. Ochr. Prir.* 19:59-86. 1979. In Czech with Russian, German, and English summ. WR 193

84-003149 Rhode Island Department of Environmental Management. NARRAGANSETT BAY NATIONAL ESTUARINE SANCTUARY MANAGEMENT PLAN. *Dep. Environ. Manage., Providence, R.I.* 86p. May 1983. From U.S. Government Reports 83(26):6552. 23 Dec. 1983. Available from NTIS as PB83-262089. WR 193

84-003150 Richardson, Curtis J. POCOSINS: VANISHING WASTELANDS OR VALUABLE WETLANDS? *BioScience* 33(10):626-633. Nov. 1983. WR 193
[School For. & Environ. Studies, Duke Univ., Durham, NC 27706]

84-003151 Sykora, Tomás. SROVNÁNÍ CHRÁNENYCH ÚZEMÍ SEVERNÍCH CECH PODLE PRVKŮ TEORIE INFORMACE. [COMPARISON OF THE PROTECTED TERRITORIES IN NORTHERN BOHEMIA ACCORDING TO THE ELEMENTS OF INFORMATION THEORY.] *Cesk. Ochr. Prir.* 19:103-119. 1979. In Czech with Russian, German, and English summ. WR 193

84-003152 Sanyal, Pranabes. MANGROVE TIGER LAND--THE SUNDARBANS OF INDIA. *Tigerpaper* 10(3):1-4. 1983. WR 193
[Sundarbans Tiger Reserve, Govt. West Bengal, Canning Town, 24-Parganas, India]

84-003153 Sanz, Carlos. LA RESERVA NACIONAL DE SONSAZ. [SONSAZ NATIONAL RESERVE.] *Vida Silvestre* No. 48. p. 218-231. Dec. 1983. In Spanish. WR 193

84-003154 Sanz, Carlos. LAS HOCES DEL RIAZA, REFUGIO DE RAPACES. [LAS HOCES DEL RIAZA, REFUGE FOR RAPTORS.] *Vida Silvestre* No. 47. p. 156-157. Sept. 1983. In Spanish. WR 193

84-003155 Schwegman, John. ILLINOIS PRAIRIE: THEN & NOW. *Ill. Audubon Bull.* No. 205. p. 2-14. 1983. WR 193
[Dep. Conserv., Springfield, IL 62706]

84-003156 Smathers, Webb M., Jr.; Carl F. Jordan; Edward G. Farnworth and Thomas H. Tidrick. AN ECONOMIC PRODUCTION-FUNCTION APPROACH TO ECOSYSTEM MANAGEMENT. *BioScience* 33(10):642-646. Nov. 1983. WR 193
[Dep. Agric. Econ., Univ. Ga., Athens 30602]

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003157 Smythe, Nicholas. THE PARK THAT PROTECTS THE PANAMA CANAL. *Oryx* 18(1):42-46. Jan. 1984. WR 193
[Smithsonian Trop. Res. Inst., Box 2072, Balboa, Panama]

84-003158 Sokolowski, Aleksander W. TURYSTYKA W POLSKICH PARKACH NARODOWYCH I JEJ WPLYW NA PRZYRODE PARKÓW. [TOURISM IN POLISH NATIONAL PARKS AND ITS INFLUENCE ON THE NATURE OF THE PARKS.] *Parki Nar. Rez. Przyr.* 2(1):25-29. 1981. In Polish with English summ. WR 193
[Inst. Badawczy Lesnictwa, 17-230 Bialowieza, Poland]

84-003159 Sokolowski, Aleksander W. PROJEKT SIECI REZERWATÓW W PUSZCZY KNYSZYNSKIEJ. [PROJECT OF A NETWORK OF NATURE RESERVATIONS IN THE KNYSZYN FOREST.] *Parki Nar. Rez. Przyr.* 2(1):45-74. 1981. In Polish with English summ. WR 193
[Inst. Badawczy Lesnictwa, 17-230 Bialowieza, Poland]

84-003160 Stockman, Viliam. METODIKA OZNACOVANIA CHRÁNENYCH ÚZEMÍ. [TO THE METHOD HOW TO MARK PROTECTED TERRITORIES.] *Cesk. Ochr. Prir.* 17:299-317. 1977. In Czech with Russian, German, and English summ. WR 193

84-003161 Stone, Catherine Schauss. PATTERNS IN COASTAL MARSH VEGETATION OF THE JUNEAU AREA, ALASKA. *Ph.D. dissertation, Oreg. State Univ.* 270p. 1984. From Diss. Abstr. Int. B Sci. Eng. 44(8):2327. Feb. 1984. WR 193

84-003162 Subramaniam, A. R. and A. V. R. Kesava Rao. DEW FALL IN SAND DUNE AREAS OF INDIA. *Int. J. Biometeorol.* 27(3):271-280. Nov. 1983. WR 193
[Dep. Meteorol. & Oceanogr., Andhra Univ., Waltair 530 003, India]

84-003163 Tetreault, Fred. NATURE PRESERVES: A WAY TO PROTECT OUR NATURAL RESOURCES FROM CIVILIZATION. *Ill. Audubon Bull.* 207:1-8. 1983/4. WR 193
[Dep. Conserv., Springfield, IL 62706]

84-003164 Thibodeaux, H. and R. Duke. TERREBONNE PARISH-WIDE FORCED DRAINAGE SYSTEM, TERREBONNE PARISH, LOUISIANA. *Army Eng. District, New Orleans, La.* 284p. Aug. 1983. From U.S. Government Reports 84(3):122. 3 Feb. 1984. Available from NTIS as AD-A134 030/6. WR 193

84-003165 Tisdell, Clem. THE GREAT BARRIER REEF: A REGIONAL CASE OF TOURISM AND NATURAL RESOURCES. *Tigerpaper* 10(4):1-6. 1983. WR 193
[Univ. Newcastle, New South Wales, Australia]

84-003166 Truett, Joe. ARCTIC LAGOONS AND ESTUARIES--WHAT MAKES THEM PRODUCTIVE? *Proc. Alaska Sci. Conf.* 33:26. Sept. 1982. Abstract only. WR 193
[LGL Alaska Res. Assoc., Inc., P.O. Box 80607, Fairbanks 99708]

84-003167 U.S. Natl. Park Service. NATURAL AND CULTURAL RESOURCES MANAGEMENT PLAN AND ENVIRONMENTAL ASSESSMENT. *U.S. Natl. Park Service* 340p. June 1982. From U.S. Government Reports 83(24):6114. 25 Nov. 1983. Available from NTIS as PB83-244905. WR 193

WILDLIFE--NATURAL AREAS AND REFUGES (CONTINUED)

84-003168 U.S. Office of Technology Assessment. TECHNOLOGIES TO SUSTAIN TROPICAL FOREST RESOURCES. *U.S. Congress Office Technol. Assessment* OTA-F-214. vii + 344p. Mar. 1984. Available from Government Printing Office. WR 193

84-003169 Václav, Vladimír. HODNOTENIE A OCENOVANIE V OCHRANE PRÍRODY. [VALUATING AND ESTIMATING IN NATURE PROTECTION.] *Cesk. Ochr. Prir.* 19:87-101. 1979. In Czech with Russian, German, and English summ. WR 193

84-003170 Vanamburg, G. L. EFFECTS OF AGRICULTURAL RUNOFF UPON NATURAL WETLAND ECOSYSTEMS. *Dep. Biol., Concordia Coll., Moorhead, Minn.* 43p. 1982. From U.S. Government Reports 84(3):7. 3 Feb. 1984. Available from NTIS as PB84-111905. WR 193

84-003171 Vestenicky, Koloman. OCINNOSTI SPRÁVY CHRÁNENEJ KRAJINNEJ OBLASTI MALÁ FATRA. [ON THE ACTIVITY OF MANAGEMENT OF PROTECTED COUNTRY AREA OF MALÁ FATRA.] *Cesk. Ochr. Prir.* 17:283-298. 1977. In Czech. WR 193

84-003172 WAPORA, Inc. EFFECTS OF WASTEWATER TREATMENT FACILITIES ON WETLANDS IN THE MIDWEST. *WAPORA, Inc., Chicago, Ill.* 385p. Sept. 1983. From U.S. Government Reports 84(4):142. 17 Feb. 1984. Available from NTIS as PB84-127844. WR 193

84-003173 Warman, Stephen and David Todd. A BIOLOGICAL SURVEY OF ARIDE ISLAND NATURE RESERVE, SEYCHELLES. *Biol. Conserv.* 28(1):51-71. 1984. WR 193
[St. Abbs Head Wildl. Reserve, Ranger's Cottage, St. Abbs, Berwickshire, Scotland TD14 5QF]

84-003174 White, David A. PLANT COMMUNITIES OF THE LOWER PEARL RIVER BASIN, LOUISIANA. *Am. Midl. Nat.* 110(2):381-396. Oct. 1983. WR 193
[Dep. Biol., Loyola Univ., New Orleans, LA 70118]

84-003175 Woodward-Clyde Consultants. SOUTHWEST FLORIDA SHELF ECOSYSTEM STUDY. VOLUME 2. MARINE HABITAT ATLAS. *Woodward-Clyde Consultants, San Diego, Calif.* 72p. 15 Jan. 1983. From U.S. Government Reports 84(2):137. 20 Jan. 1984. Available from NTIS as PB84-113315. WR 193

84-003176 Young, Clifford. NEW RESERVES PROPOSED FOR DAMPIER PENINSULA. *SWANS (State Wildl. Authority News Serv.)* 13(2):25-29. 1983. WR 193

84-003177 Zinn, J. A. and C. Copeland. WETLAND MANAGEMENT. *Congressional Res. Serv., Washington, DC* 162p. July 1982. From U.S. Government Reports 84(2):242. 20 Jan. 1984. Available from NTIS as PB84-107903. WR 193

WILDLIFE--ENDANGERED AND THREATENED SPECIES

84-003178 Cooper, Suzanne Todd and Gary E. Schultz. ENDANGERED PLANT SPECIES OF THE CENTRAL FLORIDA RIDGE, POLK AND HIGHLANDS COS. *Fla. Sci.* 47(Suppl. 1):44. 1984. Abstract only. WR 193
[Fla. Nat. Areas Inventory, 254 E. Sixth Ave., Tallahassee 32303]

84-003179 Day, Robin T. A SURVEY AND CENSUS OF THE ENDANGERED FURBISH LOUSEWORT, *PEDICULARIS FURBISHIAE*, IN NEW BRUNSWICK. *Can. Field-Nat.* 97(3):325-327. July-Sept. 1983. WR 193
[Dep. Biol., Univ. Ottawa, Ottawa, Ontario, Canada K1N 6N5]

84-003180 Hall, A. V.; B. de Winter; S. P. Fourie and T. H. Arnold. THREATENED PLANTS IN SOUTHERN AFRICA. *Biol. Conserv.* 28(1):5-20. 1984. WR 193
[Bolus Herbarium, Univ. Cape Town, Rondebosch, South Africa 7700]

84-003181 Hamilton, Michael Paul. A FLORISTIC BASIS FOR THE MANAGEMENT OF RARE PLANTS AND THEIR COMMUNITIES IN THE SAN JACINTO MOUNTAINS, CALIFORNIA. *Ph.D. dissertation, Cornell Univ.* 206p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1660. Dec. 1983. WR 193

84-003182 Massey, J. R.; D. K. Otte; T. A. Atkinson and R. D. Whetstone. ATLAS AND ILLUSTRATED GUIDE TO THE THREATENED AND ENDANGERED VASCULAR PLANTS OF THE MOUNTAINS OF NORTH CAROLINA AND VIRGINIA. *U.S. For. Serv. Gen. Tech. Rep.* SE-20. 224p. 5 Dec. 1983. From U.S. Government Reports 84(4):62-63. 17 Feb. 1984. Available from NTIS as PB84-128370. WR 193

84-003183 Nawaz, Mohammad. THE ENDANGERED MAMMALS OF PAKISTAN. *Tigerpaper* 10(3):15-20. 1983. WR 193

84-003184 Ramsey, Ed. PROPAGATION PROGRAMS FOR ENDANGERED SPECIES. *Zoosounds* 20(1):6-7. 1984. WR 193

84-003185 Risser, Paul G. ENDANGERED AND THREATENED SPECIES IN ILLINOIS. *Ill. Nat. Hist. Surv. Rep.* No. 234. 4p. Feb. 1984. WR 193
[Ill. Nat. Hist. Surv., Dep. Energy & Nat. Resour., Nat. Resour. Bldg., 607 E. Peabody Dr., Champaign 61820]

84-003186 Stout, I. Jack; C. L. Connery and P. L. Klinger. PRELIMINARY FINDINGS ON ENDANGERED PLANTS IN SAND PINE SCRUBS OF EAST CENTRAL FLORIDA. *Fla. Sci.* 47(Suppl. 1):45. 1984. Abstract only. WR 193
[Dep. Biol. Sci., Univ. Central Fla., Orlando 32816]

84-003187 Woods, Charles A. BIOLOGICAL SURVEY OF HAITI: STATUS OF THE ENDANGERED BIRDS AND MAMMALS. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 759-768. 1983. WR 193
[Fla. State Mus., Univ. Fla., Gainesville] Primarily on *Plagiodontia aedium* and *Solenodon paradoxus*.

WILDLIFE--INTRODUCTIONS

84-003188 Moulton, Michael P. and Stuart L. Pimm. THE INTRODUCED HAWAIIAN AVIFAUNA: BIOGEOGRAPHIC EVIDENCE FOR COMPETITION. *Am. Nat.* 121(5):669-690. May 1983. WR 193
[Dep. Zool., Univ. Tenn., Knoxville 37916]

WILDLIFE--MORPHOLOGY AND PHYSIOLOGY

84-003189 Clutton-Brock, T. H. REPRODUCTIVE EFFORT AND TERMINAL INVESTMENT IN ITEROPAROUS ANIMALS. *Am. Nat.* 123(2):212-229. Feb. 1984. WR 193
[Large Anim. Res. Group, Dep. Zool., Univ. Cambridge, Downing St., Cambridge CB2 3EJ, England]

84-003190 Hilbig, R. STRUCTURE RELATED PHYLOGENETIC VARIATIONS IN BRAIN GANGLIOSIDES OF VERTEBRATES. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(1):151-160. 1984. WR 193
[Inst. Zool., Univ. Stuttgart-Hohenheim, D-7000 Stuttgart 70, West Germany]

84-003191 Jacobs, Gerald H. COLOUR VISION IN ANIMALS. *Endeavour New Ser.* 7(3):137-140. 1983. WR 193

84-003192 Packard, Mary Johnson. CALCIUM METABOLISM DURING EMBRYOGENESIS IN OVIPAROUS REPTILES AND BIRDS. *Ph.D. dissertation, Colo. State Univ.* 116p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2357. Feb. 1984. WR 193

84-003193 Stern, Claudio D. A SIMPLE MODEL FOR EARLY MORPHOGENESIS. *J. Theor. Biol.* 107(2):229-242. 21 Mar. 1984. WR 193
[Dep. Anat. & Embryol., Univ. Coll. London, Gower St., London WC1E 6BT, England]

84-003194 Youtz, Sandra L.; Mary J. Packard and R. M. Leach, Jr. TOTAL DESMOSINE CONTENT IN THE ORGANIC MATRIX OF VARIOUS AVIAN AND REPTILE EGGS. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(1):27-29. 1984. WR 193
[Dep. Poult. Sci., Pa. State Univ., University Park 16802]

WILDLIFE--BEHAVIOR

84-003195 Abrams, Peter. VARIABILITY IN RESOURCE CONSUMPTION RATES AND THE COEXISTENCE OF COMPETING SPECIES. *Theor. Popul. Biol.* 25(1):106-124. Feb. 1984. WR 193
[Dep. Ecol. & Behav. Biol., 318 Church St. SE, Univ. Minn., Minneapolis 55455]

84-003196 Arak, Anthony. PLAYING GAMES IS A SERIOUS BUSINESS. *New Sci.* No. 1395. p. 31-34. 2 Feb. 1984. WR 193
[Zool. Dep., Univ. Cambridge, Cambridge, England]

WILDLIFE--BEHAVIOR (CONTINUED)

84-003197 Dunbar, Robin. HOW ANIMALS KNOW WHICH WAY TO GO. *New Sci.* 101(1392):26-30. 12 Jan. 1984. WR 193

84-003198 Erlinge, Sam; Görgen Göransson; Göran Högstedt; Göran Jansson; Olof Liberg; Jon Loman; Ingvar N. Nilsson; Torbjörn Von Schantz and Magnus Sylvén. CAN VERTEBRATE PREDATORS REGULATE THEIR PREY? *Am. Nat.* 123(1):125-133. Jan. 1984. WR 193
[Dep. Anim. Ecol., Univ. Lund, S-223 62 Lund, Sweden] Data for 9 spp.

84-003199 Fagen, Robert. BIOLOGY OF PLAY BEHAVIOR IN ANIMALS. *Proc. Alaska Sci. Conf.* 34:67. 1983. Abstract only. WR 193
[School Fish. & Sci., Univ. Alaska, Juneau]

84-003200 Fowler, Lynn Elizabeth. THE POPULATION AND FEEDING ECOLOGY OF TORTOISES AND FERAL BURROS ON VOLCAN ALCEDO, GALAPAGOS ISLANDS. *Ph.D. dissertation, Univ. Fla.* 163p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2083. Jan. 1984. WR 193
Geochelone elephantopus vandenburghi and *Equus asinus*.

84-003201 Galea, Raymond. FAN-TAILED WARBLER ATTACKING A WEASEL. *Il-Merill* No. 22. p. 18. 1981-83. WR 193
[Sunview, Potters St., B'Kara, Malta] *Cisticola juncidis* and *Mustela nivalis* in Malta.

84-003202 Graber, Richard and Jean Graber. DEERBIRD. *Ill. Audubon Bull.* No. 205. p. 40-41. 1983. WR 193
[Nat. Hist. Surv., 607 East Peabody Dr., Champaign, IL 61820] *Molothrus ater* and *Odocoileus virginianus* in Illinois.

84-003203 Mac Nally, Ralph C. ON ASSESSING THE SIGNIFICANCE OF INTERSPECIFIC COMPETITION TO GUILD STRUCTURE. *Ecology* 64(6):1646-1652. Dec. 1983. WR 193
[Dep. Biol., McGill Univ., 1205 Ave. Docteur Penfield, Montreal, Québec, Canada H3A 1B1]

84-003204 Newman, D. G. TUATARA/KIORE RELATIONSHIPS. *Wildl. Rev. N.Z. Wildl. Serv.* No. 12. p. 60-63. 1983. WR 193
Sphenodon punctatus and *Rattus exulans* in New Zealand.

84-003205 Price, Edward O. BEHAVIORAL ASPECTS OF ANIMAL DOMESTICATON. *Q. Rev. Biol.* 59(1):1-32. Mar. 1984. WR 193
[Dep. Anim. Sci., Univ. Calif., Davis 95616]

84-003206 Radford, A. P. ROOKS CHASING SMALL BATS. *Br. Birds* 77(3):119-120. Mar. 1984. WR 193
[Crosswaya Cottage, West Bagborough, Taunton, Somerset TA4 3EG, England] *Corvus frugilegus*.

WILDLIFE--BEHAVIOR (CONTINUED)

84-003207 Trillmich, Fritz and Krisztina G. K. Trillmich. THE MATING SYSTEMS OF PINNIPEDS AND MARINE IGUANAS: CONVERGENT EVOLUTION OF POLYGYNY. *Biol. J. Linn. Soc.* 21(1-2):209-216. Jan.-Feb. 1984. WR 193
[Max-Planck-Inst. Verhaltensphysiol., Abt. Wickler, D-8131 Seewiesen, West Germany] *Arctocephalus galapagoensis*, *Zalophus californianus wollebaeki*, and *Conolophus* spp.

84-003208 Waide, Robert B. and Douglas P. Reagan. COMPETITION BETWEEN WEST INDIAN ANOLES AND BIRDS. *Am. Nat.* 121(1):133-138. Jan. 1983. WR 193
[Terrestrial Ecol. Div., Univ. Puerto Rico, Lapara Heights Station, San Juan, PR 00922]

WILDLIFE--MORTALITY AND SURVIVAL

84-003209 Lord, Wayne Dyson. THE ECOLOGY OF CARRION COMMUNITIES IN MARITIME-TERRESTRIAL HABITATS: AN INSULAR STUDY OF GULL, SEAL, AND RODENT DECOMPOSITION ON THE ISLES OF SHOALS. *Ph.D. dissertation, Univ. N.H.* 117p. 1982. From Diss. Abstr. Int. B Sci. Eng. 44(5):1335. Nov. 1933. WR 193
Larus argentatus, *Larus marinus*, *Phoca vitulina*, *Rattus norvegicus*, *Cricetus aurata*, and *Mus musculus* in New Hampshire.

WILDLIFE--PESTICIDES AND POLLUTION

84-003210 California University. PROCEEDINGS OF THE CONFERENCE ON ENVIRONMENTAL TOXICOLOGY (13TH) HELD AT DAYTON, OHIO ON 16, 17, AND 18 NOVEMBER 1982. *California Univ., Dayton, Ohio* 398p. Aug. 1983. From U.S. Government Reports 84(4):79. 17 Feb. 1984. Available from NTIS as AD-A134 150/2. WR 193

84-003211 Carlile, D. W. and R. E. Fitzner. USE OF FAUNA AS BIOMONITORS. *Battelle Pac. Northwest Lab., Richland, Wash.* 7p. Aug. 1983. From U.S. Government Reports 84(2):67. 20 Jan. 1984. Available from NTIS as DE83016082. WR 193

84-003212 Cintron, Gilberto; Ariel E. Lugo; Ramon Martinez; Barbara B. Cintron and Luis Encarnacion. IMPACT OF OIL IN THE TROPICAL MARINE ENVIRONMENT. *Puerto Rico Dep. Nat. Resour., San Juan* 46p. Nov. 1981. From U.S. Government Reports 83(20):4892. 30 Sept. 1983. Available from NTIS as PB83-218370. WR 193

84-003213 Collins, E.; M. L. Sauls and T. P. O'Farrell. SURVEYS FOR DESERT TORTOISE ON THE PROPOSED SITE OF A HIGH-LEVEL NUCLEAR WASTE REPOSITORY AT THE NEVADA TEST SITE. *EG & G, Inc., Goleta, Calif.* 10p. 1983. From U.S. Government Reports 83(19):4637. 16 Sept. 1983. Available from NTIS as DE83008996. WR 193

WILDLIFE--PESTICIDES AND POLLUTION (CONTINUED)

84-003214 Daiber, F. C.; M. A. Hardisky and P. L. Wolf. EVALUATION OF HIGH AND PROLONGED LEVELS OF SEWAGE WASTEWATER ON MARSH VEGETATION. *Coll. Mar. Stud., Delaware Univ., Newark* 72p. Sept. 1983. From U.S. Government Reports 84(5):131. 2 Mar. 1984. Available from NTIS as PB84-128610. WR 193

84-003215 Filho, I. P. OIL, SHRIMP, MANGROVES: AN EVALUATION OF CONTINGENCY PLANNING FOR THE GULF OF GUAYAQUIL, ECUADOR. *Woods Hole Oceanogr. Inst. Tech. Rep.* WHOI-83-38. 107p. Oct. 1983. From U.S. Government Reports 84(3):73. 3 Feb. 1984. Available from NTIS as PB84-112366. WR 193

84-003216 Gasith, Avital and Israel Sidis. POLLUTED WATER BODIES, THE MAIN HABITAT OF THE CASPIAN TERRAPIN (*MAUREMYS CASPICA RIVULATA*) IN ISRAEL. *Copeia* 1984(1):216-219. 23 Feb. 1984. WR 193
[George S. Wise Fac. Life Sci., Inst. Nat. Conserv. Res., Tel-Aviv Univ., Tel-Aviv 69978, Israel]

84-003217 Grant, W. E.; S. O. Fraser and K. G. Isakson. EFFECT OF VERTEBRATE PESTICIDES ON NON-TARGET WILDLIFE POPULATIONS: EVALUATION THROUGH MODELLING. *Ecol. Modelling* 21(1-2):85-108. Jan. 1984. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-003218 Hess, K. W. SIMULATION OF SPILLED OIL BEHAVIOR IN BAYS AND COASTAL WATERS. *Techniques Dev. Lab., Natl. Weather Serv.* 29p. Oct. 1983. From U.S. Government Reports 84(4):138. 17 Feb. 1984. Available from NTIS as PB84-122597. WR 193

84-003219 Hinesly, T. D. and L. G. Hansen. EFFECTS OF USING SEWAGE SLUDGE ON AGRICULTURAL AND DISTURBED LANDS. *Ill. Univ., Urbana-Champaign* 609p. Nov. 1983. From U.S. Government Reports 84(3):60. 3 Feb. 1984. Available from NTIS as PB84-117142. WR 193

84-003220 Karinen, John F. DISTRIBUTION OF HEAVY METALS AND HYDROCARBONS IN AUKE BAY SEDIMENTS AND IN BIOTA NEAR ACTIVE MARINAS. *Proc. Alaska Sci. Conf.* 34:114. 1983. Abstract only. WR 193
[U.S. Natl. Mar. Fish. Serv., Auke Bay Lab., P.O. Box 155, Auke Bay, AK 99821]

84-003221 Kershaw, G. Peter. CHARACTERISTICS OF 35 YEAR OLD OIL SPILLS ON TUNDRA PLANT COMMUNITIES. *Proc. Alaska Sci. Conf.* 34:65. 1983. Abstract only. WR 193
[Dep. Geogr., Univ. Alberta, Edmonton, Alberta, Canada]

84-003222 Kirby-Smith, William W. EFFECTS OF THERMAL ADDITIONS ON THE DYNAMICS OF FOULING COMMUNITIES AT BEAUFORT, NORTH CAROLINA. *Mar. Lab., Duke Univ., Beaufort, N.C.* 155p. Sept. 1983. From U.S. Government Reports 83(26):6485. 23 Dec. 1983. Available from NTIS as PB83-260489. WR 193

84-003223 Kneitz, G. Ch. AUSSAGEFÄHIGKEIT UND PROBLEMATIK EINES INDIKATORKONZEPTS. [BIOINDICATOR CONCEPT - APPLICATION AND PROBLEMS.] *Verh. Dtsch. Zool. Ges.* 76:117-119. 1983. In German with English summ. WR 193
[Inst. Angewandte Zool., An der Immenburg 1, D-5300 Bonn 1, West Germany]

WILDLIFE--PESTICIDES AND POLLUTION (CONTINUED)

84-003224 Kovác, Stefan. VPLYV L'UDSKEJ CINNOSTI NA ZNECISTOVANIE PRÍRODNEHO PROSTREDIA Z HL'ADISKA CISTOTY VOD A OVZDUSIA. [EFFECT OF MAN'S ACTIVITY ON POLLUTION OF THE NATURAL MILIEU FROM THE VIEWPOINT OF WATER AND AIR PURITY.] *Cesk. Ochr. Prir.* 18:219-231. 1978. In Czech with Russian, German, and English summ. WR 193

84-003225 Lassiter, Ray R. and James L. Cooley. PREDICTION OF ECOLOGICAL EFFECTS OF TOXIC CHEMICALS: OVERALL STRATEGY AND THEORETICAL BASIS FOR THE ECOSYSTEM MODEL. *Environ. Res. Lab., Athens, Ga.* 66p. Sept. 1983. From U.S. Government Reports 83(26):6485. 23 Dec. 1983. Available from NTIS as PB83-261685. WR 193

84-003226 Merson, M. H.; R. E. Byers and D. E. Kaukeinen. RESIDUES OF THE RODENTICIDE BRODIFACOUM IN VOLES AND RAPTORS AFTER ORCHARD TREATMENT. *J. Wildl. Manage.* 48(1):212-216. Jan. 1984. WR 193
[Dep. Horticult., Winchester Fruit Res. Lab., VPI & SU, Winchester, VA 22601] *Microtus pennsylvnaicus* and *M. pinetorum* in Virginia.

84-003227 Phillipson, John. BIOINDICATORS, BIOLOGICAL SURVEILLANCE AND MONITORING. *Verh. Dtsch. Zool. Ges.* 76:121-123. 1983. In English. WR 193
[Anim. Ecol. Res. Group, Zool. Dep., Oxford Univ., South Parks Rd., Oxford OX1 3PS, England]

84-003228 Pickering, Q. H.; E. P. Hunt; G. L. Phipps; T. H. Roush and W. E. Smith. EFFECTS OF POLLUTION ON FRESHWATER FISH AND AMPHIBIANS. *Environ. Res. Lab., Duluth, Minn.* 26p. 1983. From U.S. Government Reports 84(2):244. 20 Jan. 1984. Available from NTIS as PB84-110246. WR 193

84-003229 Press, Malcolm; Patricia Ferguson and John Lee. 200 YEARS OF ACID RAIN. *Naturalist (Leeds)* 108(967):125-129. Oct.-Dec. 1983. WR 193
[Dep. Bot., The Univ., Manchester M13 9PL, England]

84-003230 Reish, D. J.; G. G. Geesey; F. G. Wilkes; P. S. Oshida and A. J. Mearns. MARINE AND ESTUARINE POLLUTION. *Environ. Res. Lab., Gulf Breeze, Fla.* 23p. 1983. From U.S. Government Reports 84(3):74. 3 Feb. 1984. Available from NTIS as PB84-116482. WR 193

84-003231 Sabourin, T. D.; W. B. Stickle; T. C. Michot; C. E. Villars; D. W. Garton and H. R. Mushinsky. ORGANOCHLORINE RESIDUE LEVELS IN MISSISSIPPI RIVER WATER SNAKES IN SOUTHERN LOUISIANA. *Bull. Environ. Contam. Toxicol.* 32(4):460-468. Apr. 1984. WR 193
[Dep. Zool. & Physiol., La. State Univ., Baton Rouge 70803] *Nerodia rhombifera* and *N. cyclopion*.

84-003232 Shultz, D. W. and D. Black. LAND DISPOSAL OF HAZARDOUS WASTE: PROCEEDINGS OF THE ANNUAL RESEARCH SYMPOSIUM (9TH) HELD AT FT. MITCHELL, KENTUCKY ON MAY 2-4, 1983. *Southwest Res. Inst., San Antonio, Tex.* 476p. Sept. 1983. From U.S. Government Reports 84(3):128. 3 Feb. 1984. Available from NTIS as PN84-118777. WR 193

WILDLIFE--PESTICIDES AND POLLUTION (CONTINUED)

84-003233 Smith, C. J.; R. D. DeLaune and W. H. Patrick, Jr. A METHOD FOR DETERMINING STRESS IN WETLAND PLANT COMMUNITIES FOLLOWING AN OIL SPILL. *Environ. Pollut. Ser. A Ecol. Biol.* 26(4):297-304. Dec. 1981. WR 193
[Cent. Wetland Resour., La. State Univ., Baton Rouge 70803]

84-003234 Swedish Environmental Advisory Committee. ACIDIFICATION TODAY AND TOMORROW. *Swedish Environ. Advisory Comm., Stockholm* 231p. 1982. From U.S. Government Reports 84(2):67. 20 Jan. 1984. Available from NTIS as DE83750444. WR 193

84-003235 Tarrant, K. A. and G. E. Westlake. HISTOLOGICAL TECHNIQUE FOR THE IDENTIFICATION OF POISONING IN WILDLIFE BY THE RODENTICIDE CALCIFEROL. *Bull. Environ. Contam. Toxicol.* 32(2):175-178. Feb. 1984. WR 193
[Tolworth Lab., Agric. Sci. Serv., Hook Rise South, Tolworth, Surbiton, Surrey KT6 7NF, England]

84-003236 White, L. A. A COMPARISON BETWEEN LABORATORIES FOR TOTAL AND AVAILABLE ESTIMATION OF THE METALS Cu, Pb, Zn AND U. *Northern Territory Conserv. Comm. Tech. Rep.* No. 12. v + 32p. Nov. 1983. WR 193
[Land Conserv. Unit, Conserv. Comm., P.O. Box 38496, Winnellie, Northern Territory 5789, Australia]

84-003237 Woodward-Clyde Consultants. CENTRAL AND NORTHERN CALIFORNIA COASTAL MARINE HABITATS: OIL RESIDENCE AND BIOLOGICAL SENSITIVITY INDICES. *Woodward-Clyde Consult., Walnut Creek, Calif.* 239p. Nov. 1982. From U.S. Government Report 84(5):131. 2 Mar. 1984. Available from NTIS as PB84-127240. WR 193

WILDLIFE--PARASITES AND DISEASES

84-003238 Bárdos, V.; W. Sixl; C. L. Wisidagama; J. Halouzka; D. Stünzner, Z. Hubálek and H. Withalm. PREVALENCE OF ARBOVIRUS ANTIBODIES IN SERA OF ANIMALS IN SRI LANKA. *Bull. W.H.O.* 61(6):987-990. 1983. In English with French summ. WR 193
[Inst. Parasitol., Czechoslovak Acad. Sci., Prague, Czechoslovakia]

84-003239 Bober, Christiane M. and T. A. Dick. A COMPARISON OF THE BIOLOGICAL CHARACTERISTICS OF *TRICHINELLA SPIRALIS* VAR. *PSEUDOSPIRALIS* BETWEEN MICE AND BIRD HOSTS. *Can. J. Zool.* 61(9):2110-2119. Sept. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2]

84-003240 Feitelson, Mark A.; Patricia L. Marion and William S. Robinson. THE NATURE OF POLYPEPTIDES LARGER IN SIZE THAN THE MAJOR SURFACE ANTIGEN COMPONENTS OF HEPATITIS B AND LIKE VIRUSES IN GROUND SQUIRRELS, WOODCHUCKS, AND DUCKS. *Virology* 130(1):76-90. 15 Oct. 1983. WR 193
[Inst. Cancer Res., Fox Chase Cancer Cent., Philadelphia, PA 19111]

WILDLIFE--PARASITES AND DISEASES (CONTINUED)

84-003241 Fischman, Harvey. WILDLIFE RABIES. *J. Am. Vet. Med. Assoc.* 184(5):532-533. 1 Mar. 1984. WR 193
[Dep. Epidemiol., School Hygiene & Public Health, Johns Hopkins Univ., 615 N. Wolfe St., Baltimore, MD 21205]

84-003242 Freeland, W. J. PARASITES AND THE COEXISTENCE OF ANIMAL HOST SPECIES. *Am. Nat.* 121(2):223-236. Feb. 1983. WR 193
[Dep. Biol. Sci., Wright State Univ., Dayton, OH 45435]

84-003243 Snow, W. F. THE ATTRACTIVENESS OF SOME BIRDS AND MAMMALS FOR MOSQUITOES IN THE GAMBIA, WEST AFRICA. *Ann. Trop. Med. Parasitol.* 77(6):641-651. Dec. 1983. WR 193
[c/o Natl. Westminster Bank plc, 173 High St., Lewes, E. Sussex, BN7 1XD, England]

84-003244 Utley, Peter D. SURVEY OF TICK SPECIES IN THE FRANCIS MARION NATIONAL FOREST. *Bull. S.C. Acad. Sci.* 44:86. 1982. Abstract only. WR 193

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

84-003245 Andelt, William F., editor. PROCEEDINGS SIXTH GREAT PLAINS WILDLIFE DAMAGE CONTROL WORKSHOP, HOLIDAY INN PLAZA, WICHITA, KANSAS, DECEMBER 12, 13, AND 14, 1983. *Wildl. Resour. Comm. Great Plains Agric. Council Coop. Ext. Serv. Kans. State Univ.* iv + 120p. 1984. WR 193
[Kans. State Univ., 1501 Fulton Terrace, Garden City 67846] Collection of papers on various wildlife damage control measures. Individual papers are listed in this issue of *Wildlife Review*.

84-003246 Bacon, Bruce R. GOSHAWK AND RED FOX PREDATE WOOD DUCKS IN TRAP. *Passenger Pigeon* 45(4):129. 1983. WR 193
[Box 61, Baldwin, WI 54002] *Aix sponsa*, *Accipiter gentilis*, and *Vulpes vulpes* in Wisconsin.

84-003247 Freedman, H. I. and Paul Waltman. PERSISTENCE IN MODELS OF THREE INTERACTING PREDATOR-PREY POPULATIONS. *Math. Biosci.* 68(2):213-231. Apr. 1984. WR 193
[Dep. Math., Univ. Alberta, Edmonton, Alberta, Canada T6G 2G1]

84-003248 Galdikas, Biruté M. F. and Carey P. Yeager. CROCODILE PREDATION ON A CRAB-EATING MACAQUE IN BORNEO. *Am. J. Primatol.* 6(1):49-51. 1984. WR 193
[Orangutan Res. & Conserv. Project, Tromol Pos 1, Pangkalan Bun, Kalimantan Tengah, Indonesia] *Tomistoma schlegeli* and *Macaca fascicularis*.

84-003249 Hall, K. J. and A. J. Williams. ANIMALS AS AGENTS OF EROSION AT SUB-ANTARCTIC MARION ISLAND. *S. Afr. J. Antarct. Res.* 10/11:18-24. 1981. In English with Afrikaans summ. WR 193
[Geogr. Dep., Univ. Natal, Pietermaritzburg 3200, South Africa] Birds and seals.

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

84-003250 Harriman, Arthur E. and Robert H. Berger. PROTECTING CORN FIELDS ON THE HOPI INDIAN RESERVATION FROM DEPREDATION BY RAVENS AND RODENTS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 14(3):164-167. Jan. 1984. Published in Ekologiya No. 3. p. 46-49. May-June 1983. WR 193
[Okla. State Univ., Stillwater 74078] *Corvus corax* and various rodents in Arizona.

84-003251 Henderson, F. Robert. WILDLIFE DAMAGE CONTROL PROBLEMS AND CONCERNS OF STATE WILDLIFE AGENCIES. *Proc. Great Plains Wildl. Damage Control Workshop* 6:22-27. 12 Dec. 1983. WR 193
[Ext. Wildl. Damage Control, Kans. State Univ., Manhattan 66506]

84-003252 Hutson, V. PREDATOR MEDIATED COEXISTENCE WITH A SWITCHING PREDATOR. *Math. Biosci.* 68(2):233-246. Apr. 1984. WR 193
[Dep. Appl. & Computational Math., The University, Sheffield S10 2TN, England]

84-003253 Marjakangas, Arto. A YELLOWHAMMER *EMBERIZA CITRINELLA* ATTACKING A SHREW *SOREX* SP. (MAMMALIA). *Ornis Fenn.* 60(3):89. 1983. In English with Finnish summ. WR 193
[Välkkylä 5 A 11, SF-90100 Oulu 10, Finland]

84-003254 Miller, James E. CURRENT EVENTS IN EXTENSION WILDLIFE DAMAGE CONTROL IN THE UNITED STATES. *Proc. Great Plains Wildl. Damage Control Workshop* 6:12-21. 12 Dec. 1983. WR 193
[U.S. Dep. Agric. Ext. Serv., Rm 3428-South Bldg., Washington, DC 20250]

84-003255 Moors, P. J. PREDATION BY STOATS (*MUSTELA ERMINEA*) AND WEASELS (*M. NIVALIS*) ON NESTS ON NEW ZEALAND FOREST BIRDS. *Acta Zool. Fenn.* No. 174. p. 193-196. 1983. WR 193
[Wildl. Serv., Dep. Internal Affairs, Private Bag, Wellington, New Zealand]

84-003256 Ottenheimer, Martin. THE MICROCOMPUTER AND KANSAS WILDLIFE DAMAGE REPORTS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:30-33. 12 Dec. 1983. WR 193
[Dep. Sociol. & Anthropol., Kans. State Univ., Manhattan 66506]

84-003257 Robel, Robert J. MODERN ENVIRONMENTALISTS: PROBABLE IMPACTS OF NAIVETE ON WILDLIFE DAMAGE CONTROL PROGRAMS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:3-11. 12 Dec. 1983. WR 193
[Div. Biol., Kans. State Univ., Manhattan 66506]

84-003258 Rodriguez, Gustavo A. BAT PREDATION BY THE PUERTO RICAN BOA, *EPICRATES INORNATUS*. *Copeia* 1984(1):219-220. 23 Feb. 1984. WR 193
[Dep. Nat. Resour., Box 5887, Puerto de Tierra, PR 00906]

84-003259 Rood, Jon P. BANDED MONGOOSE RESCUES PACK MEMBER FROM EAGLE. *Anim. Behav.* 31(4):1261-1262. Nov. 1983. WR 193
[Conserv. & Res. Cent., Front Royal, VA 22630] *Mungos mungo* and *Polomaetus bellicosus* in Tanzania.

WILDLIFE--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

84-003260 Salmon, Terrell P. THE WILDLIFE SOCIETY'S COMMITTEE ON WILDLIFE DAMAGE CONTROL. *Proc. Great Plains Wildl. Damage Control Workshop* 6:28-29. 12 Dec. 1983. WR 193
[Wildl. Ext., Univ. Calif., Davis 95616]

84-003261 Singh, A. N. A STUDY OF DIVERSE PREY SPECIES OF PYTHON *(PYTHON MOLURUS)* WITH SPECIAL REFERENCE TO ITS INTERACTION WITH JACKAL *(CANIS AURIUS). Tigerpaper* 10(3):31-32. 1983. WR 193
[Project Tiger, Corbett Natl. Park, Ramnagar-244715, Dist. Nainital, India]

84-003262 Stangel, Peter W. LEAST SANDPIPER PREDATION ON *BUFO AMERICANUS* AND *AMBYSTOMA MACULATUM* LARVAE. *Herpetol. Rev.* 14(4):112. Dec. 1983. WR 193
[Dep. Zool., Univ. Ga., Athens 30602] *Calidris minutilla* in Massachusetts.

84-003263 Timm, Robert M., editor. PREVENTION AND CONTROL OF WILDLIFE DAMAGE. *Great Plains Agric. Council Wildl. Resour. Comm. & Nebr. Coop. Ext. Serv. Inst. Agric. & Nat. Resour. Univ. Nebr., Lincoln* vi + 625p. (variously paged) Dec. 1983. WR 193
Divided into sections including: Damage Identification, Rodents, Carnivores, Other Mammals, Birds, Reptiles and Amphibians, Pesticides, and Supplies and Materials.

84-003264 Wheeler, William E. DUCK EGG PREDATION BY FOX SNAKES IN WISCONSIN. *Wildl. Soc. Bull.* 12(1):77-78. 1984. WR 193
[Dep. Nat. Resour., 1210 N. Palmatory St., Horicon, WI 53032] *Elaphe vulpina.*

HUNTING--AREAS AND PROBLEMS

84-003265 Anderson, David B. A COMPUTERIZED INFORMATION SYSTEM ON SUBSISTENCE IN ALASKA. *Proc. Alaska Sci. Conf.* 34:105. 1983. Abstract only. WR 193
[Div. Subsistence, Dep. Fish & Game, Fairbanks, AK]

84-003266 Applegate, James E. ATTITUDES TOWARD DEER HUNTING IN NEW JERSEY: 1972-1982. *Wildl. Soc. Bull.* 12(1):19-22. 1984. WR 193
[Dep. Horticult. & For., Rutgers Univ., New Brunswick, NJ 08903] *Odocoileus virginianus.*

84-003267 Clausager, Ib. WADERHUNTING IN DENMARK. *Ornis Fenn.* Suppl. 3. p. 107-108. 1983. WR 193
[Game Biol. Stn., Kalø, DK-8410 Rønde, Denmark]

84-003268 Gentile, John Richard. THE EVOLUTION AND GEOGRAPHIC ASPECTS OF THE ANTI-TRAPPING MOVEMENT: A CLASSIC RESOURCE CONFLICT. *Ph.D. dissertation, Oreg. State Univ.* 153p. 1984. From Diss. Abstr. Int. B Sci. Eng. 44(8):2290. Feb. 1984. WR 193

HUNTING--AREAS AND PROBLEMS (CONTINUED)

84-003269 Jotham, Neal R. IS TRAPPING CRUEL? *Nat. Can. (Ottawa)* 12(2):16-18, 34. Apr.-June 1983. WR 193

WILDLIFE--HARVEST AND HUNTING STATISTICS

84-003270 Asferg, Tommy. SAMPLE SIZE IN GAME BAG STATISTICS: A PRELIMINARY STUDY. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologists, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 47-54. 1983. In English with French and German summ. WR 193
[Game Biol. Stn., Kalo, 8410 Ronde, Denmark]

84-003271 Bihari, Joyce A. SURVEY OF OHIO STATE UNIVERSITY STUDENTS' ATTIDTUDES ON WILDLIFE AND CONSERVATION ISSUES. *Ohio J. Sci.* 84(1):62-65. Mar. 1984. WR 193
[Dep. Zool., Ohio State Univ., Columbus 43210]

84-003272 Bruijns, M. F. Mörzer. GAME STATISTICS: AN HISTORICAL PERSPECTIVE. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologist, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 17-21. 1983. In English. WR 193
[Gen. Foulkesweg 159, Wageningen, Netherlands]

84-003273 Ermala, Aslak. STUDIES ON THE ECONOMIC SIGNIFICANCE OF HUNTING: A PRELIMINARY REPORT WITH SPECIAL REFERENCE TO FINLAND. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologists, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 55-59. 1983. In English with French and German summ. WR 193
[Finnish Game and Fish. Res. Inst., Pitkansillanranta 3A, 00530 Helsinki 53, Finland]

84-003274 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE SOUTHWESTERN REGION. VOLUME II DATA APPENDIX PART 3. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/14. xiii + 196p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003275 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE NORTHWESTERN REGION. VOLUME II DATA APPENDIX PART 1. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/15. xxi + 309p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003276 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE SOUTHWESTERN REGION. VOLUME II DATA APPENDIX PART 2. *U.S. Fish & Wildl. Serv. Biol.*

WILDLIFE--HARVEST AND HUNTING STATISTICS (CONTINUED)

84-003276 CONTINUED *Serv. Program FWS/OBS* 83/14. xv + 359p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003277 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE SOUTHWESTERN REGION. VOLUME I TEXT. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/14. vii + 333p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003278 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE SOUTHWESTERN REGION. VOLUME II DATA APPENDIX PART 1. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/14. xxii + 294p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003279 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE NORTHWESTERN REGION. VOLUME I TEXT. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/15. viii + 306p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003280 French, Carolyn O. and John W. Parsons, editors. FLORIDA COASTAL ECOLOGICAL CHARACTERIZATION: A SOCIOECONOMIC STUDY OF THE NORTHWESTERN REGION. VOLUME II DATA APPENDIX PART 2. *U.S. Fish Wildl. Serv. Biol. Serv. Prog. FWS/OBS* 83/15. xix + 375p. Aug. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1010 Gause Blvd., Slidell, LA 70458]

84-003281 Harradine, John. SPORT SHOOTING IN THE UNITED KINGDOM: SOME FACTS AND FIGURES. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologists, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 63-83. 1983. In English with French and German summ. WR 193
[B.A.S.C. Marford Mill, Rossett, Clwyd LL12 OHL, Wales]

84-003282 Landry, Philippe. PRELIMINARY REPORT ON METHODS FOR COLLECTING GAME BAG STATISTICS IN EUROPEAN COUNTRIES. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologists, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 25-46. 1983. In English with French and German summ. WR 193
[Office Natl. de la Chasse, 5 rue de Saint Thibaut, Saint Benoist, Auffargis, 78610 Le Perray en Yvelines, France]

84-003283 Landry, Philippe. PROPOSITION FOR A METHODOLOGY REGARDING A SYSTEM OF ACCOUNTS FOR WILDLIFE. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982:*

WILDLIFE--HARVEST AND HUNTING STATISTICS (CONTINUED)

84-003283 CONTINUED *Proceedings of an interim meeting of the International Union of Game Biologists, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 91-103. 1983. In English with French summ. WR 193
[Office Natl. Chasse, 5 rue de Saint Thibaut, Saint Benoist, Auffargis, 78610 Le Parray en Yvelines, France]

84-003284 Wolfe, Robert J. and Steven R. Behnke. RURAL ALASKA HUNTING AND FISHING ECONOMIES AS SELF-REGULATING SYSTEMS. *Proc. Alaska Sci. Conf.* 33:86. Sept. 1982. Abstract only. WR 193
[Dep. Fish & Game, Box 1788, Bethel, AK 99559]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL

84-003285 Afolayan, T. A. and S. S. Ajayi. FIFTY YEARS OF NIGERIAN WILDLIFE RESOURCES. *Nigerian Field* 47(4):139-144. Aug. 1983. WR 193
[Dep. Wildl. & Fish. Manage., Univ. Ibadan, Ibadan, Nigeria]

84-003286 Ajayi, S. S. DOMESTICATION OF MAMMALS IN AFRICA. *Nigerian Field* 47(4):145-156. Aug. 1983. WR 193
[Dep. Wildl. & Fish. Manage., Univ. Ibadan, Ibadan, Nigeria]

84-003287 Ambrose, Dave. A HOME FOR WILDLIFE DOWN ON THE FARM. *Ill. Audubon Bull.* No. 205. p. 15-21. 1983. WR 193
[Dep. Conserv., Springfield, IL 62706]

84-003288 Asay, K. H. PROMISING NEW GRASSES FOR RANGE SEEDINGS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 110-114. Nov. 1983. WR 193
[U.S. Dep. Agric., Agric. Res. Serv., Utah State Univ., Logan]

84-003289 Blumm, Michael C. IMPLEMENTING THE PARITY PROMISE: AN EVALUATION OF THE COLUMBIA BASIN FISH AND WILDLIFE PROGRAM. *Environ. Law* 14(2):277-358. 1984. WR 193

84-003290 Canadian Wildlife Service. TRANSACTIONS OF THE FEDERAL-PROVINCIAL WILDLIFE CONFERENCE--1983. *Trans. Fed.-Prov. Wildl. Conf.* 47:1-280. 1983. WR 193

84-003291 Caputa, Alojz and Ján Darola. OCHRANA ZIVOCÍCHOV V DVADSTPÄTROCNOM TRVANÍ SÚPSOP. [PROTECTION OF ANIMALS DURING 25 YEARS OF THE SLOVAK INSTITUTE FOR MONUMENT CARE AND NATURE PROTECTION.] *Cesk. Ochr. Prir.* 17:65-75. 1977. In Czech with Russian, German, and English summ. WR 193

84-003292 Clary, Raimond F., Jr. and Harry A. George. TEN YEARS OF TESTING FOR WATERFOWL FOOD PLANTS IN CALIFORNIA. *Cal-Neva Wildl. Trans.* 1983:91-96. 1983. WR 193
[U.S. Soil Conserv. Serv., Lockeford, CA 95237]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-003293 Cutler, M. Rupert. MAN AND WILDLIFE--THE COMPETITION FOR SPACE. *Cal-Neva Wildl. Trans.* 1983:105-113. 1983. WR 193
[Nat. Audubon Soc., 950 Third Ave., New York, NY 10022]

84-003294 DeGraaf, Richard M. and Gretchin M. Witman. TREES, SHRUBS, & VINES FOR ATTRACTING BIRDS. A MANUAL FOR THE NORTHEAST. *Univ. Mass. Press, Amherst* 208p. 1979. Price: Paper $10.50. WR 193

84-003295 Dunaway, David J. WILDLIFE MANAGEMENT ON THE NATIONAL FOREST LANDS OF ALASKA. *Proc. Alaska Sci. Conf.* 33:157. Sept. 1982. Abstract only. WR 193
[U.S. For. Serv., P.O. Box 1628, Juneau, AK 99802]

84-003296 Ferguson, Robert B. USE OF ROSACEOUS SHRUBS FOR WILDLAND PLANTINGS IN THE INTERMOUNTAIN WEST. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 136-149. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Provo, UT]

84-003297 Frischknecht, Neil C. PLANTS ADAPTED TO SUMMER RANGELANDS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 102-107. Nov. 1983. WR 193

84-003298 Gottesman, Dan. NATIVE HUNTING AND THE MIGRATORY BIRDS CONVENTION ACT: HISTORICAL, POLITICAL AND IDEOLOGICAL PERSPECTIVES. *J. Can. Studies* 18(3):67-89. 1983. In English with French summ. WR 193

84-003299 Guynn, Dwight E. and John L. Schmidt. MANAGING DEER HUNTERS ON PRIVATE LANDS IN COLORADO. *Wildl. Soc. Bull.* 12(1):12-19. 1984. WR 193
[Tex. Agric. Ext. Serv., P.O. Drawer 1849, Uvalde 78801] *Odocoileus* spp.

84-003300 Hassell, Wendell; Jack Carlson and Jim Doughty. GRASSES FOR REVEGETATION OF MOUNTAIN SITES. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 95-101. Nov. 1983. WR 193
[Soil Conserv. Serv., Denver, CO]

84-003301 Jordan, Gilbert L. PLANTING LIMITATIONS FOR ARID, SEMIARID, AND SALT-DESERT SHRUBLANDS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 11-16. Nov. 1983. WR 193
[School Renewable Nat. Resour., Univ. Ariz., Tucson]

84-003302 Jubenville, Alan. WILDERNESS RECREATIONAL MANAGEMENT: A CONCEPTUAL RESEARCH FRAMEWORK. *Proc. Alaska Sci. Conf.* 34:106. 1983. Abstract only. WR 193
[School Agric. & Land Resour., Univ. Alaska, Fairbanks]

84-003303 Kerr, A. J. and John Morton Boyd. NATURE CONSERVATION IN THE INNER HEBRIDES. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:627-648. 1983. WR 193
[Nat. Conserv. Council, 12 Hope Terrace, Edinburgh EH9 2AS, Scotland]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-003304 Kramer, Gary W. and Jack Helvie. A FEDERAL WETLAND PRESERVATION PROGRAM FOR CALIFORNIA. *Cal-Neva Wildl. Trans.* 1983:122-125. 1983. WR 193
[U.S. Fish & Wildl. Serv., P.O. Box 2176, Los Banos, CA 93635]

84-003305 Lamb, Robert W. GLOBAL CONSERVATION FOR WANDERING WILDLIFE. *Environ. Conserv.* 10(4):362. 1983. WR 193
[World Conserv. Cent., Ave. du Mont-Blanc, 1196 Gland, Switzerland]

84-003306 Lyster, Simon. THE FALKLAND ISLANDS FOUNDATION. *Oryx* 18(1):22-23. Jan. 1984. WR 193

84-003307 Mack, David and Nicole Duplaix. THE WILDLIFE TRADE. DISTINGUISHING LEGAL FROM ILLEGAL. *North. Ohio Assoc. Herpetol. Notes* 10(7):12-15. 27 Apr. 1983. WR 193

84-003308 McArthur, E. Durant. IMPORTANT SHRUBS FOR WILDLAND PLANTINGS, COMPOSITAE (ASTERACEAE). *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 150-157. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Ogden, UT]

84-003309 McKenna, Michael G. and Bill Lynott. TAKING THE OFFENSE IN WILDLIFE MANAGEMENT. *Wildl. Soc. Bull.* 12(1):79-81. 1984. WR 193
[Game & Fish Dep., Bismarck, ND 58505]

84-003310 Monsen, Stephen B. and Nancy Shaw, compilers. MANAGING INTERMOUNTAIN RANGELANDS - IMPROVEMENT OF RANGE AND WILDLIFE HABITATS. PROCEEDINGS OF SYMPOSIA: SEPTEMBER 15-17, 1981, TWIN FALLS, IDAHO. JUNE 22-24, 1982, ELKO, NEVADA. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. iii + 194p. Nov. 1983. Available from NTIS as PB84-139948. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Ogden, UT]
Individual papers are listed in this issue of *Wildlife Review*.

84-003311 Monsen, Stephen B. PLANTS FOR REVEGETATION OF RIPARIAN SITES WITHIN THE INTERMOUNTAIN REGION. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 83-89. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Boise, ID]

84-003312 Nimir, Mutasim Bashir. WILDLIFE VALUES AND MANAGEMENT IN NORTHERN SUDAN. *Ph.D. dissertation, Colo. State Univ.* 242p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2292. Feb. 1984. WR 193

84-003313 Rumbaugh, M. D. LEGUMES--THEIR USE IN WILDLAND PLANTINGS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 115-122. Nov. 1983. WR 193
[U.S. Dep. Agric., Agric. Res. Serv., Utah State Univ., UMC-63, Logan]

84-003314 Sayer, Jeffrey. NATURE CONSERVATION PRIORITIES IN LAOS. *Tigerpaper* 10(3):10-14. 1983. WR 193
[Nat. Conserv. & Natl. Parks Project-Burma, c/o UNDP, P.O. Box 650, Rangoon, Burma]

WILDLIFE--MANAGEMENT AND RESEARCH--GENERAL (CONTINUED)

84-003315 Sharp, Lee. MANAGEMENT OF SEEDED RANGELAND TO MAINTAIN FORAGE PLANTS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 180-183. Nov. 1983. WR 193
[Range Resour., Univ. Idaho, Moscow]

84-003316 Shaw, Nancy and Stephen B. Monsen. NONLEGUMINOUS FORBS FOR RANGELAND SITES. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 123-131. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Boise, ID]

84-003317 Sours, John M. CHARACTERISTICS AND USES OF IMPORTANT GRASSES FOR ARID WESTERN RANGELANDS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 90-94. Nov. 1983. WR 193
[Intermountain Grass Growers Assoc., Post Falls, ID]

84-003318 Soutiere, Edward C. A GOOD LIFE FOR WILDLIFE ON THE FARM. *U.S. Dep. Agric. Yearb. Agric.* 1983:430-439. 1983. WR 193

84-003319 Stevens, Richard. SPECIES ADAPTED FOR SEEDING MOUNTAIN BRUSH, BIG, BLACK, AND LOW SAGEBRUSH, AND PINYON-JUNIPER COMMUNITIES. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 78-82. Nov. 1983. WR 193
[Utah Div. Wildl. Resour., Ephraim]

84-003320 Stutz, Howard C. SOME PROMISING CHENOPODS FOR USE ON DISTURBED LANDS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 132-135. Nov. 1983. WR 193
[Dep. Bot. & Range Sci., Brigham Young Univ., Provo, UT]

84-003321 Usher, Peter. FAIR GAME? *Nat. Can. (Ottawa)* 11(1):4-11, 35-43. Jan.-Mar. 1982. WR 193

84-003322 Welch, Bruce L. IMPROVING THE NUTRITIVE VALUE OF WINTER RANGE FORAGE. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 158-164. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Provo, UT]

84-003323 Woehler, Eugene E. WINTER FOOD AND COVER PLOTS FOR FARM WILDLIFE. *Wis. Dep. Nat. Resour. Res. Rep.* No. 114. 24p. Apr. 1982. WR 193
[Bur. Res., Dep. Nat. Resour., Box 7921, Madison, WI 53707]

WILDLIFE--MANAGEMENT--NONGAME

84-003324 Moriarty, J. J.; J. G. Dickson; W. R. Marion and W. C. McComb. PARTIAL BIBLIOGRAPHY ON MANAGEMENT OF NON-GAME BIRDS IN THE SOUTHEAST, 1960-1980. *U.S. For. Serv. Gen. Tech. Rep.* SO-47. 14p. Sept. 1983. From U.S. Government Reports 84(4):62. 17 Feb. 1984. Available from NTIS as PB84-126499. WR 193

ENVIRONMENTAL IMPACTS AND ASSESSMENTS

84-003325 Abbott, Ian and Owen Loneragan. INFLUENCE OF FIRE ON GROWTH RATE, MORTALITY, AND BUTT DAMAGE IN MEDITERRANEAN FOREST OF WESTERN AUSTRALIA. *For. Ecol. Manage.* 6(2):139-153. 1983. WR 193
[For. Dep., Inst. For. Res. & Protection, 50 Hayman Rd., P.O. Box 104, Como, Western Australia 6152, Australia]

84-003326 Alexander, V. and M. C. Miller. PIPELINE HAUL-ROAD INVESTIGATIONS NORTH OF THE BROOKS RANGE. *Inst. Mar. Sci., Univ. Alaska* 105p. May 1982. From U.S. Government Reports 84(5):68. 2 Mar. 1984. Available from NTIS as DE83017804. WR 193

84-003327 Allaway, James. LOOKING AFTER WILDLIFE INTERESTS IN LAND USE PLANNING: A DILEMA FOR RESOURCE MANAGEMENT. *Proc. Alaska Sci. Conf.* 34:107. 1983. Abstract only. WR 193
[Dep. Nat. Resour., Div. Res. & Development, Anchorage, AK]

84-003328 Allen, Hollis H. and Larry R. Aggus. EFFECTS OF FLUCTUATING RESERVOIR WATER LEVELS ON FISHERIES, WILDLIFE, AND VEGETATION; SUMMARY OF A WORKSHOP, 24-26 FEBRUARY 1981. *Army Eng. Waterways Exp. Stn. Rep. No.* WES/MP/E-83-2. 58p. July 1983. From U.S. Government Reports 84(1):34. 6 Jan. 1984. Available from NTIS as AD-A132 603/2. WR 193

84-003329 Antijean, Ted. WINTER DISTRIBUTION OF MOUNTAIN CARIBOU IN RELATION TO FORESTRY PRACTICES IN EAST-CENTRAL BRITISH COLUMBIA. *Proc. Alaska Sci. Conf.* 34:78. 1983. Abstract only. WR 193
[Dep. Anim. Sci., Univ. British Columbia, Vancouver, British Columbia, Canada] *Rangifer tarandus*.

84-003330 Antos, Joseph A.; Bruce McCune and Cliff Bara. THE EFFECT OF FIRE ON AN UNGRAZED WESTERN MONTANA GRASSLAND. *Am. Midl. Nat.* 110(2):354-364. Oct. 1983. WR 193
[Dep. Bot. & Plant Pathol., Oreg. State Univ., Corvallis 97331]

84-003331 Armbruster, Judith Scherpelz, editor. IMPACTS OF COAL SURFACE MINING ON 25 MIGRATORY BIRD SPECIES OF HIGH FEDERAL INTEREST. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/35. xiii + 348p. Dec. 1983. WR 193
[WELUT, U.S. Fish & Wildl. Serv., 2627 Redwing Rd., Fort Collins, CO 80526-2899] Individual species accounts prepared by various authors.

84-003332 Austin, Dennis D.; P. J. Urness and L. C. Fierro. SPRING LIVESTOCK GRAZING AFFECTS CRESTED WHEATGRASS REGROWTH AND WINTER USE BY MULE DEER. *J. Range Manage.* 36(5):589-593. Sept. 1983. WR 193
[Dep. Range Sci., Utah State Univ., Logan 84322] *Odocoileus hemionus* in Utah.

84-003333 Baidya, Kedar N. TASMANIAN FOREST REGENERATION BURNING: CONSIDERATION FOR ECOLOGY OR ECONOMY? *Tigerpaper* 10(3):21-30. 1983. WR 193
[Cent. Environ. Stud., Univ. Tasmania, Hobart, Tasmania, 7001 Australia]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003334 Bates, Patricia A. PRESCRIBED BURNING BLACKBRUSH FOR DEER HABITAT IMPROVEMENT. *Cal-Neva Wildl. Trans.* 1983:174-182. 1983. WR 193
[Dep. Agron. & Range Sci., Univ. Calif., Davis 95616] *Odocoileus* spp. in California.

84-003335 Bevins, Collin D. and William C. Fischer. A COMPUTER SYSTEM FOR TESTING FIRE MANAGEMENT PRESCRIPTIONS: PART 1--USER'S MANUAL. *U.S. For. Serv. Gen. Tech. Rep.* INT-155. i + 42p. Oct. 1983. WR 193

84-003336 Bradbury, R. H.; L. S. Hammond; R. E. Reichelt and P. C. Young. PREDICTION VERSUS EXPLANATION IN ENVIRONMENTAL IMPACT ASSESSMENT. *Search (Syd.)* 14(11-12):323-325. Dec. 1983-Jan. 1984. WR 193
[Aust. Inst. Mar. Sci., Townsville, Queensland, Australia]

84-003337 Brookes, A.; K. J. Gregory and F. H. Dawson. AN ASSESSMENT OF RIVER CHANNELIZATION IN ENGLAND AND WALES. *Sci. Total Environ.* 27(2-3):97-111. Apr. 1983. WR 193
[Dep. Geogr., Univ. Southampton, Hampshire, England]

84-003338 Brown, C. R. and N. J. Adams. THE EFFECT OF UNDERWATER EXPLOSIONS ON ROCKHOPPER PENGUINS *EUDYPTES CHRYSOCOME*. *Cormorant* 11(1/2):68. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-003339 Buckner, John. FARMING AND WILDLIFE IN MISSOURI - WHERE WILDLIFE FITS IN. *Mo. Conserv.* 45(3):15-26. Mar. 1984. WR 193

84-003340 Calcagno, F., Jr. and G. H. Westman. RESOURCE AND POTENTIAL RECLAMATION EVALUATION OF NORTHEAST MONTANA INVESTIGATIONS, DAWSON AND McCONE COUNTIES, MONTANA (SUMMARY). *U.S. Bur. Reclamation, Billings, Mont.* 41p. July 1983. From U.S. Government Reports 84(3):125. 3 Feb. 1984. Available from NTIS as PB84-112408. WR 193

84-003341 Calcagno, F., Jr. and G. H. Westman. RESOURCE AND POTENTIAL RECLAMATION EVALUATION: NORTHEAST MONTANA INVESTIGATIONS REPORT. *U.S. Bur. Reclamation, Billings, Mont.* 205p. July 1983. From U.S. Government Reports 84(3):125. 3 Feb. 1984. Available from NTIS as PB84-112390. WR 193

84-003342 Carothers, Steven W. and Robert Dolan. DAM CHANGES ON THE COLORADO RIVER. *Nat. Hist.* 91(1):75-83. Jan. 1982. WR 193

84-003343 Carpenter, David E. IMPACTS AND INFLUENCES ON THE GREAT SMOKY MOUNTAINS NATIONAL PARK: AN ANNOTATED BIBLIOGRAPHY WITH A DISCUSSION AND REVIEW OF SELECTED FINDINGS, RECOMMENDATIONS, AND CONCLUSIONS. *U.S. Natl. Park Serv. Res. Resour. Manage. Rep.* SER-64. 257p. 1982. From U.S. Government Reports 83(21):5176. 14 Oct. 1983. Available from NTIS as PB83-226456. WR 193

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003344 Chambers, J. C. MEASURING SPECIES DIVERSITY ON REVEGETATED SURFACE MINES: AN EVALUATION OF TECHNIQUES. *U.S. For. Serv. Res. Pap.* INT-322. 19p. Nov. 1983. From U.S. Government Reports 84(4):63. 17 Feb. 1984. Available from NTIS as PB84-129295. WR 193

84-003345 Cooley, J. L.; E. Farnworth; D. Hoy and C. Jordan. ENVIRONMENTAL PROFILE OF GUATEMALA: ASSESSMENT OF ENVIRONMENTAL PROBLEMS AND SHORT AND LONG-TERM STRATEGIES FOR PROBLEM SOLUTION. *Inst. Ecol., Ga. Univ., Athens* AID-PN-AAK-359. 89p. May 1981. From U.S. Government Reports 84(6):7. 16 Mar. 1984. Available from NTIS as PB84-134360. WR 193

84-003346 Coston-Clements, Linda and Donald E. Hoss. SYNOPSIS OF DATA ON THE IMPACT OF HABITAT ALTERATION ON SEA TURTLES AROUND THE SOUTHEASTERN UNITED STATES. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* SEFC-117. 63p. June 1983. From U.S. Government Reports 83(24):6065. 25 Nov. 1983. Available from NTIS as PB83-241794. WR 193

84-003347 Crane, M. F.; J. R. Habeck and W. C. Fischer. EARLY POSTFIRE REVEGETATION IN A WESTERN MONTANA DOUGLAS-FIR FOREST. *U.S. For. Serv. Res. Rep.* INT-319. 37p. Nov. 1983. From U.S. Government Reports 84(7):11. 30 Mar. 1984. Available from NTIS as PB84-139930. WR 193

84-003348 Crouch, G. L. EFFECTS OF COMMERCIAL CLEARCUTTING OF ASPEN ON UNDERSTORY VEGETATION AND WILDLIFE HABITAT VALUES IN SOUTHWESTERN COLORADO. *U.S. For. Serv. Gen. Tech. Rep.* RM-246. 14p. Aug. 1983. From U.S. Government Reports 84(1):9. 6 Jan. 1984. Available from NTIS as PB84-102755. WR 193

84-003349 Crouch, Glenn L. ASPEN REGENERATION AFTER COMMERCIAL CLEARCUTTING IN SOUTHWESTERN COLORADO. *J. For.* 81(5):316-319. May 1983. WR 193
[U.S. For. Serv., Rocky Mountain For. & Range Exp. Stn., Fort Collins, CO 80526]

84-003350 Cruz, Máximo Liberman and Ursula Fisel. USO DE LA TIERRA EN LA REGION DE HUARACO, ANTIPAMPA Y PUJRAVI DEL ALTIPLANO CENTRAL DE BOLIVIA. [LAND USE IN THE REGION OF HUARACO, ANTIPAMPA AND PUJRAVI IN THE CENTRAL HIGHLANDS OF BOLIVIA.] *Ecol. Bolivia (Rev. Inst. Ecol.)* No. 4. p. 31-42. Dec. 1983. In Spanish with German and English summ. WR 193
[Inst. Ecol., La Paz, Bolivia]

84-003351 Curatolo, Jim. CARIBOU RESPONSE TO THE PIPELINE/ROAD COMPLEX IN THE KUPARUK OILFIELD, ALASKA. *Proc. Alaska Sci. Conf.* 34:10. 1983. Abstract only. WR 193
[Alaska Biol. Res., Biol. & Nat. Resour. Sci. Studies, Fairbanks] *Rangifer tarandus*.

84-003352 Davis, James L. and Patrick Valkenburg. CALVING IN RECENTLY BURNED HABITAT BY CARIBOU DISPLACED FROM THEIR TRADITIONAL CALVING AREA. *Proc. Alaska Sci. Conf.* 34:19. 1983. Abstract only. WR 193
[Dep. Fish & Game, Fairbanks, AK] *Rangifer tarandus* in Alaska.

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003353 Davis, William F. MECHANICAL CONTROL OF SAGEBRUSH. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 49-53. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain Region, Ogden, UT]

84-003354 DeBenedetti, Steven H. and David J. Parsons. POSTFIRE SUCCESSION IN A SIERRAN SUBALPINE MEADOW. *Am. Midl. Nat.* 111(1):118-125. Jan. 1984. WR 193
[U.S. Natl. Park Serv., Three Rivers, CA 93271]

84-003355 Dieterich, John H. FIRE HISTORY OF SOUTHWESTERN MIXED CONIFER: A CASE STUDY. *For. Ecol. Manage.* 6(1):13-31. 1983. WR 193
[Rocky Mountain For. & Range Exp. Stn., For. Sci. Lab., U.S. For. Serv., ASU Campus, Tempe, AZ 85287]

84-003356 Dougall, Tom. THE ASSOCIATION OF BREEDING WRENS AND AREAS OF TIMBER BRASHINGS. *Q. J. For.* 77(1):41-43. Jan. 1983. WR 193
[Dep. Geogr., The Univ., St. Andrews, Fife, KY16 9AL, Scotland] *Troglodytes troglodytes* in Scotland.

84-003357 Dube, Yvon. REQUIREMENTS FOR SUCCESSFUL LAND USE PLANNING. *Proc. Alaska Sci. Conf.* 34:109. 1983. Abstract only. WR 193
[Northern Environ. Branch, Northern Affairs Program, DIAND, Ottawa, Ontario, Canada]

84-003358 Eckert, Richard E., Jr. METHODS FOR IMPROVING MOUNTAIN MEADOW COMMUNITIES. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 67-75. Nov. 1983. WR 193
[U.S. Dep. Agric., Renewable Resour. Cent., Univ. Nev., Reno]

84-003359 Elgmork, K. INFLUENCE OF HOLIDAY CABIN CONCENTRATIONS ON THE OCCURRENCE OF BROWN BEARS (*URSUS ARCTOS* L.) IN SOUTH-CENTRAL NORWAY. *Acta Zool. Fenn.* No. 174. p. 161-162. 1983. WR 193
[Zool. Inst., Univ. Oslo, P.O. Box 1050, Blindern, Oslo 3, Norway]

84-003360 Evans, R. A.; J. A. Young and R. E. Eckert, Jr. THE APPLICATION AND USE OF HERBICIDES FOR BRUSH AND WEED CONTROL. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 32-38. Nov. 1983. WR 193
[Renewable Resour. Cent., Univ. Nev., Reno]

84-003361 Everett, Richard L. and Kenneth Ward. EARLY PLANT SUCCESSION ON PINYON-JUNIPER CONTROLLED BURNS. *Northwest Sci.* 58(1):57-68. Feb. 1984. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Univ. Nev., 920 Valley Rd., Reno 89512]

84-003362 Everett, Richard L. and Steven H. Sharrow. RESPONSE OF UNDERSTORY SPECIES TO TREE HARVESTING AND FIRE IN PINYON-JUNIPER WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 62-66. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Reno, NV]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003363 Fancy, Steve G. MOVEMENTS AND ACTIVITIES OF CARIBOU NEAR OIL DRILLING SITES AT THE EDGE OF AN OILFIELD AND NEAR AN ISLOLATED DRILLING OPERATION. *Proc. Alaska Sci. Conf.* 34:19. 1983. Abstract only. WR 193
[LGL Alaska Res. Assoc., Fairbanks] *Rangifer tarandus* in Alaska.

84-003364 Feltus, D. G. and E. E. Langenau, Jr. OPTIMIZATION OF FIREARM DEER HUNTING AND TIMBER VALUES IN NORTHERN LOWER MICHIGAN. *Wildl. Soc. Bull.* 12(1):6-12. 1984. WR 193
[Dep. Nat. Resour., Rose Lake Wildl. Res. Cent., East Lansing, MI 48823] *Odocoileus virginianus.*

84-003365 Filho, P. Hernandez; Y. E. Shimabukuro and J. R. Dos Santos. EVALUATION OF REFORESTATION USING REMOTE SENSING TECHNIQUES. *Inst. Pesquisas Espaciais, Brazil* 7p. June 1982. From U.S. Government Reports 84(4):14. 17 Feb. 1984. Available from NTIS as AD-P002 062/8. WR 193

84-003366 Finklin, Arnold I. SUMMARIZING WEATHER AND CLIMATIC DATA - A GUIDE FOR WILDLAND MANAGERS. *U.S. For. Serv. Gen. Tech. Rep.* INT-148. 47p. June 1983. From U.S. Government Reports 83(22):5265. 28 Oct. 1983. Available from NTIS as PB83-238907. WR 193

84-003367 Fisher, William C. and Bruce D. Clayton. FIRE ECOLOGY OF MONTANA FOREST HABITAT TYPES EAST OF THE CONTINENTAL DIVIDE. *U.S. For. Serv. Gen. Tech. Rep.* INT-141. 88p. May 1983. From U.S. Government Reports 83(20):4828. 30 Sept. 1983. Available from NTIS as PB83-219915. WR 193

84-003368 Florence, Scott R. PRESCRIBED BURNING FOR HABITAT IMPROVEMENT USING THE HELITORCH. *Cal-Neva Wildl. Trans.* 1983:162-167. 1983. WR 193
[U.S. Bur. Land Manage., Hollister, CA 95023]

84-003369 Fowler, D. K. and L. F. Adkisson. SURVIVAL AND GROWTH OF WILDLIFE SHRUBS AND TREES ON ACID-MINE SPOIL. *Div. Land For. Resour., TVA, Norris* 53p. Jan. 1980. From U.S. Government Reports 82(23):5721. 11 Nov. 1983. Available from NTIS as DE82902191. WR 193

84-003370 Garland, Theodore, Jr. and W. Glen Bradley. EFFECTS OF A HIGHWAY ON MOJAVE DESERT RODENT POPULATIONS. *Am. Midl. Nat.* 111(1):47-56. Jan. 1984. WR 193
[Dep. Ecol. & Evol. Biol., Univ. Calif., Irvine 92717] Data for 8 spp.

84-003371 Gauthier, D. A.; W. K. Brown and J. B. Theberge. THE ALASKA HIGHWAY GAS PIPELINE AND THE DEMOGRAPHY OF THE BURWASH CARIBOU HERD. *Proc. Alaska Sci. Conf.* 34:13. 1983. Abstract only. WR 193
[Dep. Biol., Univ. Waterloo, Waterloo, Ontario, Canada] *Rangifer tarandus caribou.*

84-003372 Goran, William D.; L. L. Radke and W. D. Severinghaus. OVERVIEW OF THE ECOLOGICAL EFFECTS OF TRACKED VEHICLES ON MAJOR U.S. (UNITED STATES) ARMY INSTALLATIONS. *Construct. Eng. Res. Lab., Champaign* Rep. No. CERL-TR-N-142. 81p. Feb. 1983. From U.S. Government Reports 83(16):3788. 5 Aug. 1983. Available from NTIS as AD-A126 694/9. WR 193

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003373 Griese, Dick. KIMBETO STUDY AREA REPORT: RESOURCE AND POTENTIAL RECLAMATION EVALUATION: SUMMARY. *U.S. Bur. Land Manage.* 19p. Sept. 1981. From U.S. Government Reports 84(1):132. 6 Jan. 1984. Available from NTIS as PB84-102284. WR 193

84-003374 Griffin, G. F.; N. F. Price and H. F. Portlock. WILDFIRES IN THE CENTRAL AUSTRALIAN RANGELANDS, 1970-1980. *J. Environ. Manage.* 17(4):311-323. Dec. 1983. WR 193
[CSIRO, Cent. Australian Lab., P.O. Box 2111, Alice Springs, Northern Territory, 5750 Australia]

84-003375 Gullion, G. W. and A. A. Alm. FOREST MANAGEMENT AND RUFFED GROUSE POPULATIONS IN A MINNESOTA CONIFEROUS FOREST. *J. For.* 81(8):529-532, 536. Aug. 1983. WR 193
[Dep. Entomol., Fish & Wildl., Coll. Agric., Univ. Minn., St. Paul 55108]
Bonasa umbellus.

84-003376 Gunn, A. and F. L. Miller. THE NEED FOR AND THE REGULATORY PROBLEMS OF MINIMIZING THE EFFECTS OF INDUSTRIAL DISTURBANCE ON CARIBOU COWS AND CALVES. *Proc. Alaska Sci. Conf.* 34:14. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Yellowknife, Northwest Territories, Canada]
Rangifer tarandus in Canada.

84-003377 Gunn, A. CARIBOU POPULATION RESPONSES TO INDUSTRIAL ACTIVITIES - THE QUESTION OF CAUSALITY. *Proc. Alaska Sci. Conf.* 34:15. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Yellowknife, Northwest Territories, Canada]
Rangifer tarandus in Canada.

84-003378 Gunn, A.; F. L. Miller; R. Glaholt and K. Jingfors. BEHAVIOURAL RESPONSES OF BARREN-GROUND COWS AND CALVES TO HELICOPTERS ON THE BEVERLY CALVING GOUND, NWT. *Proc. Alaska Sci. Conf.* 34:11. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Yellowknife, Northwest Territories, Canada]
Rangifer tarandus groenlandicus in Canada.

84-003379 Húsenica, Jaromil. LESNY POZIAR V STÁTNEJ PRÍRODNEJ REZERVÁCII VEL'KY KYSEL' A JEHO NÁSLEDKY NA STABILITU A ERÓZIU RENDZINOVYCH POD. [THE FOREST FIRE IN THE STATE NATURE RESERVATION VEL'KY KYSEL' AND ITS CONSEQUENCES FOR THE STABILITY AND EROSION OF RENDZINA SOILS.] *Cesk. Ochr. Prir.* 19:121-132. 1979. In Czech with Russian, German, and English summ. WR 193

84-003380 Halls, Lowell K. and Charles E. Bo. INFLUENCE OF MANAGED PINE STANDS AND MIXED PINE/HARDWOOD STANDS ON WELL BEING OF DEER. *U.S. For. Serv. Res. Pap.* SO-183. 23p. Sept. 1982. From U.S. Government Reports 83(19):4606. 16 Sept. 1983. Available from NTIS as PB83-217927. WR 193
Odocoileus virginianus.

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003381 Hancock, Lyn. RIVER OF NO RETURN. *Nat. Can: (Ottawa)* 12(1):4-11. Jan.-Mar. 1983. WR 193

84-003382 Hanley, P. T.; J. E. Hemming; J. W. Morsell; T. A. Morehouse and L. E. Leask. HANDBOOK FOR MANAGEMENT OF OIL AND GAS ACTIVITIES ON LANDS IN ALASKA: PETROLEUM INDUSTRY PRACTICES, ENVIRONMENTAL IMPACTS AND STIPULATIONS. *Dames & Moore, Anchorage, Alaska* 72p. Aug. 1983. From U.S. Government Reports 84(4):71. 17 Feb. 1984. Available from NTIS as PB84-122142. WR 193

84-003383 Hayeur, Gaetan. IMPACT OF HYDROELECTRIC POWER DEVELOPMENT ON CARIBOU HABITAT AND BEHAVIOUR IN NORTHERN QUEBEC. *Proc. Alaska Sci. Conf.* 34:18. 1983. Abstract only. WR 193
[Environ. Planning Dep., Hydro-Quebec, Montreal, Quebec, Canada] *Rangifer tarandus* in Canada.

84-003384 Hecox, Walter E. REGIONAL MANAGEMENT OF THE ENERGY-ENVIRONMENT INTERFACE: TECHNIQUES APPLIED TO COLORADO OIL SHALE DEVELOPMENT. *J. Environ. Syst.* 13(3):257-278. 1983-84. WR 193
[Econ. & Bus. Dep., Colo. Coll., Colorado Springs 80903]

84-003385 Henning, S. J.; H. D. Dolling; D. L. Sturges; J. M. Zak and H. E. Yound. ROADSIDE VEGETATION, RESTORATION, AND PROTECTION. *Transport. Res. Board, Washington, D.C.* TRB/TRR-913. 40p. 1983. From U.S. Government Reports 84(6):6. 16 Mar. 1984. Available from NTIS as PB84-133990. WR 193

84-003386 Hobbs, R. J. and C. H. Gimingham. STUDIES ON FIRE IN SCOTTISH HEATHLAND COMMUNITIES. I. FIRE CHARACTERISTICS. *J. Ecol.* 72(1):223-240. Mar. 1984. WR 193
[Dep. Biol. Sci., Stanford Univ., Stanford, CA 94305]

84-003387 Hobbs, R. J.; J. E. P. Currall and C. H. Gimingham. THE USE OF 'THERMOCOLOR' PYROMETERS IN THE STUDY OF HEATH FIRE BEHAVIOUR. *J. Ecol.* 72(1):241-250. Mar. 1984. WR 193
[Dep. Biol. Sci., Stanford Univ., Stanford, CA 94305]

84-003388 Holt, J.; M. Bartz and J. Lehman. FINAL REGIONAL ENVIRONMENTAL IMPACT STATEMENT FOR PROPOSED GULF OF MEXICO OCS (OUTER CONTINENTAL SHELF) OIL AND GAS SALES 72, 74, AND 79. VOLUME 1. *Mineral Manage. Serv., Metairie, La.* 603p. Jan. 1983. From U.S. Government Reports 84(1):134. 6 Jan. 1984. Available from NTIS as PB84-102805. WR 193

84-003389 Ironside, G. R.; N. R. Morrison and W. R. Weatherall. ECOLOGICAL BASELINE DATA FOR REGIONAL PLANNING AND ENVIRONMENTAL ASSESSMENT IN NORTHERN CANADA. *Proc. Alaska Sci. Conf.* 34:24. 1983. Abstract only. WR 193
[Lands Directorate, Environ. Canada, Ottawa, Ontario, Canada]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003390 James, Susanne M. THE ECOLOGICAL SIGNIFICANCE OF FIRE IN CHAPARRAL. *Cal-Neva Wildl. Trans.* 1983:168-173. 1983. WR 193
[Riverside Fire Lab., 4955 Canyon Crest Dr., Riverside, CA 92507]

84-003391 Johnson, A. H. and R. M. Strang. FOREST FIRE HISTORY IN THE CENTRAL YUKON. *For. Ecol. Manage.* 4(2):155-159. 1982. WR 193
[Fac. For., Univ. British Columbia, Vancouver, British Columbia, Canada]

84-003392 Johnson, Charles B. HABITAT USE BY MINK IN RELATION TO CLEARCUTTING ON PRINCE WALES ISLAND. *Proc. Alaska Sci. Conf.* 33:164. Sept. 1982. Abstract only. WR 193
[Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks 99701] *Mustela vison* in Alaska.

84-003393 Johnson, Von J. PRESCRIBED BURNING REQUIEM OR RENAISSANCE? *J. For.* 82(2):83-91. Feb. 1984. WR 193
[U.S. For. Serv., Southeast. For. Exp. Stn., Dry Branch, GA 31020]

84-003394 Keeley, Jon E. and Sterling C. Keeley. POSTFIRE RECOVERY OF CALIFORNIA COASTAL SAGE SCRUB. *Am. Midl. Nat.* 111(1):105-117. Jan. 1984. WR 193
[Dep. Biol., Occidental Coll., Los Angeles, CA 90041]

84-003395 Keller, Marilyn. ENVIRONMENTAL STUDIES FOR PACIFIC GAS AND ELECTRIC'S GEOTHERMAL AND HYDROELECTRIC PROJECTS. *Cal-Neva Wildl. Trans.* 1983:118-121. 1983. WR 193
[Pac. Gas & Electric Co., 3400 Crow Canyon Rd., San Ramon, CA 94583]

84-003396 Klimanová, L'ubica. ZÁSADY PRE URBANISTICKI-KRAJINÁRSKE ZÁSAHY VO VEL'KOPLOSNYCH CHRÁNENYCH ÚZEMIACH. [PRINCIPLES FOR URBANISTIC AND COUNTRY INTERVENTIONS ON LARGE-AREA PROTECTED TERRITORIES.] *Cesk. Ochr. Prir.* 18:193-202. 1978. In Czech with Russian, German, and English summ. WR 193

84-003397 Kufeld, Roland C. RESPONSES OF ELK, MULE DEER, CATTLE, AND VEGETATION TO BURNING, SPRAYING, AND CHAINING OF GAMBEL OAK RANGELAND. *Colo. Div. Wildl. Tech. Publ.* No. 34. vii + 47p. Dec. 1983. Available at $1.00 from Colo. Div. Wildl., Res. Cent. Library, 317 W. Prospect, Fort Collins 80526. WR 193
Cervus elaphus and *Odocoileus hemionus* in Colorado.

84-003398 Kumari, Erik. SEABIRDS AND HUMAN ACTIVITY ON THE BALTIC SEA. *Ornis Fenn.* Suppl. 3. p. 102-103. 1983. WR 193
[Inst. Zool. & Bot., 21 Vanemuise, SU-202400 Tartu, Estonian SSR, USSR]

84-003399 Laursen, K. RECREATIONAL ACTIVITIES AND WILDLIFE ASPECTS IN THE DANISH WADDEN SEA. *BML: Schriftenreihe des Bundesministers fuer Ernaehrung, Landwirtschaft und Forstern* 275:63-83. 1982. In English with German summ. WR 193
[Game Biol. Stn., Kalø, DK-8410 Rønde, Denmark]

84-003400 Laursen, Karsten; Iver Gram and Luis J. Alberto. SHORT-TERM EFFECT OF RECLAMATION ON NUMBERS AND DISTRIBUTION OF WATERFOWL AT HØJER, DANISH WADDEN SEA. *Proc. Nordic Congr. Ornithol. 1981*. 3:97-118. 1983. In English with Danish summ. WR 193
[Game Biol. Stn., Kalø, DK-8410 Rønde, Denmark]

84-003401 Lawton, R. M. NATURAL RESOURCES OF MIOMBO WOODLAND AND RECENT CHANGES IN AGRICULTURAL AND LAND-USE PRACTICES. *For. Ecol. Manage.* 4(3):287-297. 1982. WR 193
[Land Resour. Dev. Cent., Tolworth Tower, Surbiton, Surrey KT6 7DY, England]

84-003402 Laycock, W. A. EVALUATION OF MANAGEMENT AS A FACTOR IN THE SUCCESS OF GRAZING SYSTEMS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 166-171. Nov. 1983. WR 193
[U.S. Dep. Agric., Agric. Res. Serv., Crops Res. Lab., Colo. State Univ., Fort Collins 80523]

84-003403 Leatherman, Stephen P. and Paul J. Godfrey. THE IMPACT OF OFF-ROAD VEHICLES ON COASTAL ECOSYSTEMS IN CAPE COD NATIONAL SEASHORE: AN OVERVIEW: FINAL REPORT. *Environ. Inst., Univ. Mass., UM/NPSCRU Rep.* No. 34. xiv + 34p. 1979. From Monthly Catalog of U.S. Government Publications 84-5572. Feb. 1984. WR 193

84-003404 Lekagul, Boonsong. THE DETERIORATION OF FOREST AND WILDLIFE OF THE COUNTRY (THAILAND) WITHIN THE PAST 30 YEARS. *Tigerpaper* 10(4):11-12. 1983. WR 193

84-003405 Lynch-Stewart, P. A WETLANDS DATA BASE TO AID NORTHERN LAND USE PLANNING AND ENVIRONMENTAL ASSESSMENT. *Proc. Alaska Sci. Conf.* 34:27. 1983. Abstract only. WR 193
[Lands Directorate, Environ. Canada, Ottawa, Ontario, Canada]

84-003406 Marcot, Bruce G. and Vicky J. Meretsky. SHAPING STANDS TO ENHANCE HABITAT DIVERSITY. *J. For.* 81(8):526-528. Aug. 1983. WR 193
[Wildl. Dep., Humboldt State Univ., Arcata, CA 95521]

84-003407 Martell, Arthur M. DEMOGRAPHY OF SOUTHERN RED-BACKED VOLES (*CLETHRIONOMYS GAPPERI*) AND DEER MICE (*PEROMYSCUS MANICULATUS*) AFTER LOGGING IN NORTH-CENTRAL ONTARIO. *Can. J. Zool.* 61(5):958-969. May 1983. In English with French summ. WR 193
[Canadian Wildl. Serv., 204 Range Rd., Whitehorse, Yukon Territory, Canada Y1A 3V1]

84-003408 Martell, Arthur M. CHANGES IN SMALL MAMMAL COMMUNITIES AFTER LOGGING IN NORTH-CENTRAL ONTARIO. *Can. J. Zool.* 61(5):970-980. May 1983. In English with French summ. WR 193
[Canadian Wildl. Serv., 204 Range Rd., Whitehorse, Yukon Territory, Canada Y1A 3V1]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003409 Masters, Michael A.; Bonita J. Neiland and John C. Zasada. MOOSE HABITAT ALONG THE SAGAVANIRTOK RIVER AND ADJACENT RIVERS OF THE NORTH SLOPE OF ALASKA: CHARACTERIZATION OF VEGETATION, BROWSING INTENSITY, AND EFFECTS OF CUTTING AND OF FERTILIZATION. *Proc. Alaska Sci. Conf.* 33:170. Sept. 1982. Abstract only. WR 193
[School Agric. & Land Resour. Manage., Univ. Alaska, Faibanks 99701] *Alces alces* in Alaska.

84-003410 Meeuwig, Richard O. STAND DYNAMICS AND MANAGEMENT ALTERNATIVES FOR PINYON-JUNIPER WOODLANDS. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 172-175. Nov. 1983. WR 193
[U.S. For. Serv., Intermountain For. & Range Exp. Stn., Reno, NV]

84-003411 Minear, R. A.; B. A. Tschantz and G. L. Vaughan. ENVIRONMENTAL ASPECTS OF COAL PRODUCTION IN THE APPALACHIAN REGION. FINAL PROJECT REPORT. *Energy Environ. Res. Cent., Univ. Tenn.* 78p. June 1983. From U.S. Government Reports 84(5):58. 2 Mar. 1984. Available from NTIS as DE84001248. WR 193

84-003412 Mitsch, William J.; Jan R. Taylor; Kimberly B. Benson and Paul L. Hill, Jr. ATLAS OF WETLANDS IN THE PRINCIPAL COAL SURFACE MINING REGION OF WESTERN KENTUCKY. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82-72. vii + 134p. June 1983. WR 193
[Energy & Ecol. Systems Group, Systems Sci. Inst., Univ. Louisville, Louisville, KY 40292]

84-003413 Monthey, R. W. EFFECTS OF TIMBER HARVESTING ON UNGULATES IN NORTHERN MAINE. *J. Wildl. Manage.* 48(1):279-285. Jan. 1984. WR 193
[U.S. Bur. Land Manage., 1717 Fabry Rd., Salem, OR 97302] *Alces alces* and *Odocoileus virginianus*.

84-003414 Morrison, Michael L. and E. Charles Meslow. AVIFAUNA ASSOCIATED WITH EARLY GROWTH VEGETATION ON CLEARCUTS IN THE OREGON COAST RANGES. *U.S. For. Serv. Res. Pap.* PNW-305. 12p. Mar. 1983. From Monthly Catalog of U.S. Government Publications 84-2251. Jan. 1984. WR 193

84-003415 Morrison, Michael L. and E. Charles Meslow. RESPONSE OF AVIAN COMMUNITIES TO HERBICIDE-INDUCED VEGETATION CHANGES. *J. Wildl. Manage.* 48(1):14-22. Jan. 1984. WR 193
[Dep. For. & Resour. Manage., 145 Mulford Hall, Univ. Calif., Berkeley 94720]

84-003416 Mychasiw, Len. CARIBOU PROTECTION MEASURES - A CASE HISTORY. *Proc. Alaska Sci. Conf.* 34:13. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Yellowknife, Northwest Territories, Canada] *Rangifer tarandus groenlandicus* in Canada.

84-003417 Myers, Norman. TROPICAL MOIST FORESTS: OVER-EXPLOITED AND UNDER-UTILIZED? *For. Ecol. Manage.* 6(1):59-79. 1983. WR 193
[Upper Meadow, Old Rd., Headington, Oxford, England]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003418 Nichols, O. G.; D. Watkins and E. D. Kabay. THE DISTRIBUTION OF THE RED-EARED FIRETAIL *EMBLEMA OCULATA* IN RELATION TO BAUXITE MINING IN THE NORTHERN JARRAH FOREST. *Emu* 82(3):169-172. Aug. 1982. WR 193
[Alcoa Australia Ltd., P.O. Box 172, Pinjarra, Western Australia 6208, Australia]

84-003419 Nilsson, L. EFFECTS OF REED HARVEST ON THE FAUNA OF REED BEDS. A SURVEY OF LITERATURE WITH SPECIAL REFERENCE TO THE BIRD FAUNA. *Naemnden Energiproduktionsforsk. (Sweden)* 93p. Nov. 1982. From U.S. Government Reports 83(26):6484. 23 Dec. 1983. Available from NTIS as DE8350820. WR 193

84-003420 Oechel, W. C. RESEARCH ON DYNAMICS OF TUNDRA ECOSYSTEMS AND THEIR POTENTIAL RESPONSE TO ENERGY RESEARCH DEVELOPMENT. PROGRESS REPORT, 1 APRIL 1982-MARCH 1983. *Systems Ecol. Res. Group, San Diego State Univ.* 32p. 15 Feb. 1983. From U.S. Government Reports 83(23):5549. 11 Nov. 1983. Available from NTIS as DE83012827. WR 193

84-003421 Oldemeyer, John L.; Stephen J. Martin and Steven G. Woodis. A PRELIMINARY REPORT ON THE EFFECTS OF A DEFERRED-ROTATION GRAZING SYSTEM ON WILDLIFE AT THE SHELDON NATIONAL WILDLIFE REFUGE. *Cal-Neva Wildl. Trans.* 1983:26-42. 1983. WR 193
[U.S. Fish & Wildl. Serv., Denver Wildl. Res. Cent., 1300 Blue Spruce Dr., Fort Collins, CO 80524]

84-003422 Oswald, E. T. and J. P. Senyk. DEVELOPING AN ECOLOGICAL FRAMEWORK FOR RESOURCE MANAGEMENT IN THE YUKON TERRITORY. *Proc. Alaska Sci. Conf.* 34:29. 1983. Abstract only. WR 193
[Environ. Canada, Canadian For. Serv., Victoria, British Columbia, Canada V8Z 1M5]

84-003423 Park, A. B.; R. A. Houghton; G. M. Hicks and C. J. Peterson. MULTITEMPORAL CHANGE DETECTION TECHNIQUES FOR THE IDENTIFICATION AND MONITORING OF FOREST DISTURBANCES. *Presented at the Seventeenth International Symposium on Remote Sensing of Environment, Ann Arbor, Michigan, May 9-13, 1983.* p. 77-97. [1983.] WR 193
[Nat. Resour. Consulting Serv., Arnold, MD]

84-003424 Plantenberg, P. FACTORS AFFECTING PLANT SUCCESSION ON MINE SPOIL AT COLSTRIP, MONTANA. *Dep. Anim. Range Sci., Mont. State Univ., Bozeman* 16p. 1981. From U.S. Government Reports 83(23):5727. 11 Nov. 1983. Available from NTIS as DE83013029. WR 193

84-003425 Prewitt, Charles G. and William J. Wilson. HYDROPOWER-RELATED IMPACT ISSUES AND THEIR ASSESSMENT IN THE SUSITNA, A LARGE SUB-ARCTIC RIVER IN SOUTHCENTRAL ALASKA. *Proc. Alaska Sci. Conf.* 34:150. 1983. Abstract only. WR 193
[Arctic Environ. Inf. & Data Cent., Anchorage, AK]

84-003426 Quinn, Ronald D. SHORT-TERM EFFECTS OF HABITAT MANAGEMENT ON SMALL VERTEBRATES IN CHAPARRAL. *Cal-Neva Wildl. Trans.* 1983:55-66. 1983. WR 193
[Biol. Sci. Dep., Calif. State Polytech. Univ., Pomona 91768]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003427 Ramani, Raja V. and Richard J. Sweigard. DEVELOPMENT OF A PROCEDURE FOR LAND USE POTENTIAL EVALUATION FOR SURFACE-MINED LAND. *U.S. Bur. Mines Open File Rep.* OFR-151(1)-83. 119p. 31 Jan. 1983. From U.S. Government Reports 83(25):6321. 9 Dec. 1983. Available from NTIS as PB83-253401. WR 193

84-003428 Rauzon, Mark J. and Karl W. Kenyon. WHITE TERN NEST SITES IN ALTERED HABITAT. *'Elepaio* 44(8):79-80. Feb. 1984. WR 193
[U.S. Fish & Wildl. Serv., P.O. Box 50167, Honolulu, HI 96850] *Gygis alba* in Hawaii.

84-003429 Rollins, Dale. WILDLIFE RESPONSE TO DIFFERENT INTENSITIES OF BRUSH REMOVAL ON THE EDWARDS PLATEAU OF TEXAS. *Ph.D. dissertation, Tex. Tech Univ.* 82p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2299. Feb. 1984. WR 193

84-003430 Roundy, Bruce A.; Greg J. Cluff; James A. Young and R. A. Evans. TREATMENT OF INLAND SALTGRASS AND GREASEWOOD SITES TO IMPROVE FORAGE PRODUCTION. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 54-61. Nov. 1983. WR 193
[U.S. Dep. Agric., Renewable Resour. Cent., Reno, NV]

84-003431 Ruesch, K. J. SURVEY OF WETLAND RECLAMATION PROJECTS IN THE FLORIDA PHOSPHATE INDUSTRY. *Dames & Moore, Lakeland, Fla.* 112p. 6 May 1983. From U.S. Government Reports 84(4):138. 17 Feb. 1984. Available from NTIS as PB84-123256. WR 193

84-003432 Russell, D. E. and A. M. Martell. THE DEMPSTER HIGHWAY AND ACTIVITY OF THE PORCUPINE CARIBOU HERD. *Proc. Alaska Sci. Conf.* 34:17. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Whitehorse, Yukon, Canada] *Rangifer tarandus* in Canada and Alaska.

84-003433 Salomon, Julian Harris. INDIANS THAT SET THE WOODS ON FIRE. *Conservationist* 38(5):34-39. Mar.-Apr. 1984. WR 193

84-003434 Sanders, Kenneth D. and Annette S. Voth. ECOLOGICAL CHANGES OF GRAZED AND UNGRAZED PLANT COMMUNITIES. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 176-179. Nov. 1983. WR 193
[Univ. Idaho, Twin Falls]

84-003435 Sauer, R. H. RECLAIMING MINED LANDS IN ARID ENVIRONMENTS. *Battelle Pac. Northwest Lab., Richland, Wash.* PNL-SA-9661. 22p. Sept. 1982. From U.S. Government Reports 84(1):129. 6 Jan. 1984. Available from NTIS as DE83013999. WR 193

84-003436 Seddon, J. and C. Petrich. CASE STUDIES: DEVELOPING LAND USES IN SURFACE-MINE RECLAMATION. *Mays, Corkill & Seddon, Inc., New York* 72p. June 1983. From U.S. Government Reports 84(3):123-124. 3 Feb. 1984. Available from NTIS as DE83016392. WR 193

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003437 Sendlein, L. V. A.; H. Yazicigil and C. L. Carlson. SURFACE MINING ENVIRONMENTAL MONITORING AND RECLAMATION HANDBOOK. *Southern Ill. Univ., Carbondale* 735p. 1983. From U.S. Government Reports 84(3):82. 3 Feb. 1984. Available from NTIS as DE83016681. WR 193

84-003438 Sindelar, B. W. RATE OF PLANT SUCCESSION ON MINED LAND IN MONTANA. *Dep. Anim. Range Sci., Mont. State Univ., Bozeman* 10p. 1981. From U.S. Government Reports 83(23):5727. 11 Nov. 1983. Available from NTIS as DE83013028. WR 193

84-003439 Smith, Loren M.; John A. Kadlec and Paul V. Fonnesbeck. EFFECTS OF PRESCRIBED BURNING ON NUTRITIVE QUALITY OF MARSH PLANTS IN UTAH. *J. Wildl. Manage*. 48(1):285-288. Jan. 1984. WR 193
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

84-003440 Smith, Walter T. and Raymond D. Cameron. FACTORS AFFECTING PIPELINE CROSSING SUCCESS OF CARIBOU. *Proc. Alaska Sci. Conf.* 34:16. 1983. Abstract only. WR 193
[Dep. Fish & Game, Fairbanks, AK] *Rangifer tarandus* in Alaska.

84-003441 Southeastern Forest Experiment Station. PRESCRIBED FIRE AND WILDLIFE IN SOUTHERN FORESTS. PROCEEDINGS OF A SYMPOSIUM HELD AT MYRTLE BEACH, SOUTH CAROLINA ON APRIL 6-8, 1981. *Southeast. For. Exp. Stn., Asheville* SEFES-83-2. 174p. 1981. From U.S. Government Reports 83(16):3702. 5 Aug. 1983. Available from NTIS as PB83-192906. WR 193

84-003442 Stevens, David W. PRELIMINARY ANALYSIS OF TRANSMISSION LINE IMPACT ON DESERT BIGHORN SHEEP MOVEMENT PATTERNS. *Cal-Neva Wildl. Trans.* 1983:50-54. 1983. WR 193
[Southern Calif. Edison, Rosemead] *Ovis canadensis mexicana* in Arizona.

84-003443 Stuart, L. DYNAMICS OF TUNDRA ECOSYSTEMS AND THEIR POTENTIAL RESPONSE TO ENERGY RESEARCH DEVELOPMENT. SOIL CHEMICAL ASPECTS OF PLANT NUTRITION IN ALPINE TUNDRA AT EAGLE SUMMIT, ALASKA. II. EXCHANGE CHEMISTRY OF MINERAL AND ORGANIC SOILS FROM EAGLE SUMMIT, ALASKA. *Systems Ecol. Res. Group, San Diego State Univ.* 17p. 15 Feb. 1983. From U.S. Government Reports 83(23):5549. 11 Nov. 1983. Available from NTIS as DE83012829. WR 193

84-003444 Sugden, Lawson G. and Gerard W. Beyersbergen. FARMING INTENSITY ON WATERFOWL BREEDING GROUNDS IN SASKATCHEWAN PARKLANDS. *Wildl. Soc. Bull.* 12(1):22-26. 1984. WR 193
[Canadian Wildl. Serv., 115 Perimeter Rd., Saskatoon, Saskatchewan, Canada S7N 0X4]

84-003445 Swindel, Benee F.; Louis F. Conde and Joel E. Smith. SPECIES DIVERSITY: CONCEPT, MEASUREMENT, AND RESPONSE TO CLEARCUTTING AND SITE-PREPARATION. *For. Ecol. Manage.* 8(1):11-22. Apr. 1984. WR 193
[Southeast. For. Exp. Stn., U.S. For. Serv., Gainesville, FL 32611]

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003446 Thomas, Margaret G. HUMAN DEMOGRAPHIC IMPACTS ON FISH AND WILDLIFE RESOURCES FROM ENERGY DEVELOPMENT IN RURAL WESTERN AREAS. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/27. xv + 357p. Sept. 1983. WR 193
[Midwest Res. Inst., 425 Volker Blvd., Kansas City, MO 64110]

84-003447 U.S. Army Corps of Engineers. SPECIAL OFFICE REPORT FOR WARM SPRINGS DAM AND LAKE SONOMA, SONOMA COUNTY, CALIFORNIA. SECTION 7. CONSULTATION ON ENDANGERED SPECIES. *Corps of Engineers, San Francisco, Calif.* 154p. May 1983. From U.S. Government Reports 83(21):5172. 14 Oct. 1983. Available from NTIS as AD-A130 139/9. WR 193

84-003448 Valkenburg, Patrick and James L. Davis. A COMPARISON OF THE REACTION TO AIRCRAFT OF CARIBOU FROM TWO HERDS IN ALAKSA. *Proc. Alaska Sci. Conf.* 34:14. 1983. Abstract only. WR 193
[Dep. Fish & Game, Fairbanks, AK] *Rangifer tarandus.*

84-003449 Vallentine, John F. THE APPLICATION AND USE OF HERBICIDES FOR RANGE PLANT CONTROL. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 39-48. Nov. 1983. WR 193
[Range Sci., Brigham Young Univ., Provo, UT]

84-003450 Vanderford, Michael J. GREAT I STUDY OF THE UPPER MISSISSIPPI RIVER. TECHNICAL APPENDIXES. VOLUME 5. FISH AND WILDLIFE. *Fla. Univ., Gainesville* 371p. Sept. 1980. From U.S. Government Reports 83(16):3966. 5 Aug. 1983. Available from NTIS as AD-A127 211/1. WR 193

84-003451 Vanderford, Michael J. GREAT I STUDY OF THE UPPER MISSISSIPPI RIVER. TECHNICAL APPENDIXES. VOLUME 5. FISH AND WILDLIFE. PART II. *Fla. Univ., Gainesville* 337p. Sept. 1980. From U.S. Government Reports 83(16):3966. 5 Aug. 1983. Available from NTIS as AD-A127 212/9. WR 193

84-003452 Velez Muñoz, Ricardo. SEQUIA E INCENDIOS FORESTALES. [DROUGHT AND FOREST FIRES.] *Vida Silvestre* No. 47. p. 186-197. Sept. 1983. In Spanish. WR 193

84-003453 Waddell, K. Bruce. MARINE TRANSPORTAION AND INUIT WILDLIFE HARVESTING INTERACTIONS IN THE NORTHWEST PASSAGE. *Proc. Alaska Sci. Conf.* 34:155. 1983. Abstract only. WR 193

34-003454 Westman, G. H. and L. M. Parish. RESOURCE AND POTENTIAL RECLAMATION EVALUATION: PRAIRIE DOG CREEK STUDY AREA, MONTANA: SUMMARY. *U.S. Bur. Land Manage.* 16p. May 1983. From U.S. Government Reports 84(1):133. 6 Jan. 1984. Available from NTIS as PB84-102599. WR 193

84-003455 Westman, G. H. and L. M. Parish. RESOURCE AND POTENTIAL RECLAMATION EVALUATION: PRAIRIE DOG CREEK STUDY AREA, MONTANA. *U.S. Bur. Land Manage.* 219p. May 1983. From U.S. Government Reports 84(1):133. 6 Jan. 1984. Available from NTIS as PB84-102607. WR 193

ENVIRONMENTAL IMPACTS AND ASSESSMENTS (CONTINUED)

84-003456 Westman, G. H. and F. Calcagno, Jr. RESOURCE AND POTENTIAL RECLAMATION EVALUATION OF COOK MOUNTAIN STUDY AREA, MONTANA. *U.S. Bur. Land Manage.* 192p. Mar. 1983. From U.S. Government Reports 84(1):133. 6 Jan. 1984. Available from NTIS as PB84-102797. WR 193

84-003457 Westman, G. H. and L. M. Parish. RESOURCE AND POTENTIAL RECLAMATION EVALUATION OF RATTLESNAKE BUTTE STUDY AREA, DICKINSON COALFIELD, NORTH DAKOTA: SUMMARY. *U.S. Bur. Reclamation, Billings, Mont.* 27p. June 1982. From U.S. Government Reports 84(3):125. 3 Feb. 1984. Available from NTIS as PB84-112457. WR 193

84-003458 Westman, G. H. and F. Calcagno, Jr. RESOURCE AND POTENTIAL RECLAMATION EVALUATION OF COOK MOUNTAIN STUDY AREA, MONTANA: SUMMARY. *U.S. Bur. Land Manage.* 18p. Mar. 1983. From U.S. Government Reports 84(1):133. 6 Jan. 1984. Available from NTIS as PB84-102789. WR 193

84-003459 Whiten, K. R.; R. D. Cameron and W. T. Smith. DISTRIBUTION OF CARIBOU CALVING IN RELATION TO THE PRUDHOE BAY OIL FIELD. *Proc. Alaska Sci. Conf.* 34:16. 1983. Abstract only. WR 193
[Dep. Fish & Game, Fairbanks, AK] *Rangifer tarandus* in Alaska.

84-003460 Whitten, Kenneth R. and Raymond D. Cameron. MOVEMENTS OF COLLARED CARIBOU, *RANGIFER TARANDUS*, IN RELATION TO PETROLEUM DEVELOPMENT ON THE ARCTIC SLOPE OF ALASKA. *Can. Field-Nat.* 97(2):143-146. Apr.-June 1983. WR 193
[Dep. Fish & Game, 1300 College Rd., Fairbanks, AK 99701]

84-003461 Yapp, G. A.; E. B. Wiken; J. G. M. Parkes and R. R. Gelinas. PLANNING APPLICATIONS OF ECOLOGICAL LAND CLASSIFICATION WITH LARGE AND SMALL COMPUTER SYSTEMS. *Proc. Alaska Sci. Conf.* 34:109. 1983. Abstract only. WR 193
[CSIRO, Div. Water & Land Resour., Canberra, A.C.T., Australia]

84-003462 Young, James A. PRINCIPLES OF WEED CONTROL AND PLANT MANIPULATION. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 6-10. Nov. 1983. WR 193
[U.S. Dep. Agric., Agric. Res. Serv., Reno, NV]

84-003463 Young, Richard P. FIRE AS A VEGETATION MANAGEMENT TOOL IN RANGELANDS OF THE INTERMOUNTAIN REGION. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 18-31. Nov. 1983. WR 193
[Eastern Oreg. Agric. Res. Cent., Burns]

84-003464 Zimmerman, James Hall. THE REVEGETATION OF A SMALL YAHARA VALLEY PRAIRIE FEN. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):87-102. 1983. WR 193
[Dep. Landscape Architecture, Univ. Wis., Madison 53706]

MAMMALS--GENERAL

84-003465 Andrews, Peter and E. M. Nesbit Evans. SMALL MAMMAL BONE ACCUMULATIONS PRODUCED BY MAMMALIAN CARNIVORES. *Paleobiology* 9(3):289-307. 1983. WR 193
[Dep. Paleontol., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England] Data on Viverridae, Canidae, and Mustelidae.

84-003466 Choate, Jerry D.; Charles A. Ely; Nancy D. Moncrief and Kirk W. Navo. MAMMALS FROM MEXICO IN THE MUSEUM OF THE HIGH PLAINS, FORT HAYS STATE UNIVERSITY. *Mus. High Plains Fort Hays State Univ.* 11p. Feb. 1982. WR 193
[Mus. High Plains, Fort Hays State Univ., Hays, KS 67601] Data for 60 taxa.

84-003467 Fitch, Henry S.; Virginia R. Fitch and W. Dean Kettle. REPRODUCTION, POPULATION CHANGES AND INTERACTIONS OF SMALL MAMMALS ON A NATURAL AREA IN NORTHEASTERN KANSAS. *Occas. Pap. Mus. Nat. Hist. Univ. Kans.* No. 109. 37p. 2 Mar. 1984. WR 193
[Univ. Kans. Nat. Hist. Reserv., Rt. 3, Lawrence 66044]

84-003468 German, Rebecca Z. DIVERSITY OF CENOZOIC MAMMALS. *Ph.D. dissertation, Harvard Univ.* 88p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1688. Dec. 1983. WR 193

84-003469 Green, Arthur A. RODENTS AND BATS OF ARLI AND PENDJARI NATIONAL PARKS, UPPER VOLTA AND BENIN. *Nigerian Field* 47(4):185-194. Aug. 1983. WR 193
[FAO/UNDP, B.P. 872, Bangui, Central African Republic]

84-003470 Imai, Hirotami T.; Takeo Maruyama and Ross H. Crozier. RATES OF MAMMALIAN KARYOTYPE EVOLUTION BY THE KARYOGRAPH METHOD. *Am. Nat.* 121(4):477-488. Apr. 1983. WR 193
[Natl. Inst. Genetics, Mishima, Shizuoka-ken 411, Japan]

84-003471 Kasigwa, P. F.; A. J. Mrema and J. A. Allen. PREDATION BY MONGOOSES, RODENTS AND SNAILS ON *SITALA JENYNSI* (PFR.), *ACHATINA FULICA* BOWDICH AND OTHER LAND SNAILS IN COASTAL TANZANIA. *J. East Afr. Nat. Hist. Soc. Natl. Mus. Monogr.* No. 179. 12p. 19 May 1983. WR 193
[Dep. Zool., P.O. Box 35064, Univ. Dar es Salaam, Dar es Salaam, Tanzania] *Mungos mungo*.

84-003472 Kock, Dieter and Iyad A. Nader. PYGMY SHREW AND RODENTS FROM THE NEAR EAST (MAMMALIA: SORICIDAE, RODENTIA). *Senckenb. Biol.* 64(1/3):13-23. 1983. In English with German summ. WR 193
[Forschungsinst. Senckenberg, Senckenberganlage 25, D-6000 Frankfurt a.M.1, West Germany] *Gerbillus nanus*, *Suncus etruscus*, *Allactaga euphratica*, *Tatera indica*, *Meriones tristrami*, *Nesokia indica*, *Microtus socialis*, and *M. irani*.

84-003473 Kraft, Richard. DIE VON J. B. VON SPIX BESCHRIEBENEN NEOTROPISCHEN PRIMATEN UND CHIROPTEREN. VERZEICHNIS DER IN DER ZOOLOGISCHEN STAATSSAMMLUNG MÜNCHEN AUFBEWAHRTEN TYPUSEXEMPLARE. [LIST OF THE

MAMMALS--GENERAL (CONTINUED)

84-003473 CONTINUED ORIGINAL SPIX TYPE SPECIMENS OF NEOTROPICAL PRIMATES AND BATS (MAMMALIA: PRIMATES, CHIROPTERA) AT THE ZOOLOGISCHE STAATSSAMMLUNG MÜNCHEN.] *Spixiana* Suppl. 9. p. 429-441. 15 Dec. 1983. In German with English summ. WR 193
[Zool. Staatssammlung, Maria-Ward-Str. 1B, D-8000 München 19, West Germany]

84-003474 Lomolino, Mark V. IMMIGRANT SELECTION, PREDATION, AND THE DISTRIBUTION OF *MICROTUS PENNSYLVANICUS* AND *BLARINA BREVICAUDA* ON ISLANDS. *Am. Nat.* 123(4):468-483. Apr. 1984. WR 193
[Dep. Biol. Sci., State Univ. N.Y., Binghamton 13901]

84-003475 Schmidly, David J. and J. Knox Jones, Jr. HOLOTYPES OF RECENT MAMMALS IN TEXAS NATURAL HISTORY COLLECTIONS. *Occas. Pap. Mus. Tex. Tech Univ.* No. 92. 13p. 20 Jan. 1984. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-003476 Shelton, P. C. and R. O. Peterson. BEAVER, WOLF AND MOOSE INTERACTIONS IN ISLE ROYALE NATIONAL PARK, USA. *Acta Zool. Fenn.* No. 174. p. 265-266. 1983. WR 193
[Clinich Valley Coll., Univ. Va., Wise 24293] *Castor canadensis*, *Canis lupus*, and *Alces alces*.

84-003477 Tokyo Zoological Park Society. [THE CLASSIFICATION AND KEEPING OF ANIMALS IN THE WORLD, 4, (PERISSODATYLA, TUBLIDENTATA, HIRACOIDEA, SIRENIA).] *Tokyo Zool. Park Soc.* vi + 146p. [1984.] In Japanese. WR 193

84-003478 Yosida, Tosihide H. PARALLELISM OF KARYOTYPE EVOLUTION IN MAMMALS. *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 59(4):78-82. Apr. 1983. WR 193
[Natl. Inst. Genet., Misima, Japan]

84-003479 Zonov, G. B.; L. P. Okunev and I. K. Mashkovsky. [THE USE OF AIR HOLES IN SNOW BY SMALL MAMMALS.] *Zool. Zh.* 62(12):1863-1867. Dec. 1983. In Russian with English summ. WR 193
[Res. Anti-Plague Inst., Siberia, USSR]

MAMMALS--TECHNIQUES

84-003480 Jolly, G. M. and J. M. Dickson. THE PROBLEM OF UNEQUAL CATCHABILITY IN MARK-RECAPTURE ESTIMATION OF SMALL MAMMAL POPULATIONS. *Can. J. Zool.* 61(4):922-927. Apr. 1983. In English with French summ. WR 193
[Agric. Res. Council, Univ. Edinburgh, Mayfield Rd., Edinburgh, Scotland EH9 3JZ]

84-003481 Kuznetsov, G. V. and K. S. Baranauskas. [THE USE OF SIGNALIZATION WHILE CATCHING SMALL MAMMALS.] *Zool. Zh.* 62(12):1884-1886. Dec. 1983. In Russian with English summ. WR 193
[Inst. Anim. Morphol. & Ecol., Acad. Sci., Moscow, USSR]

MAMMALS--TECHNIQUES (CONTINUED)

84-003482 Mech, L. David; Ricahrd C. Chapman; William W. Cochran; Lee Simmons and Ulysses S. Seal. RADIO-TRIGGERED ANESTHETIC-DART COLLAR FOR RECAPTURING LARGE MAMMALS. *Wildl. Soc. Bull.* 12(1):69-74. 1984. WR 193
[U.S. For. Serv., North Central For. Exp. Stn., 1992 Folwell Ave., St. Paul, MN 55108]

84-003483 Mertens, H. RECENSEMENTS AÉRIENS DES PRINCIPAUX ONCULÉS DU PARC NATIONAL DES VIRUNGA, ZAÎRE. [AERIAL CENSUS OF LARGE MAMMAL POPULATIONS OF VIRUNGA NATIONAL PARK, ZAIRE.] *Terre Vie* 38(1):51-64. 1983. In French with English summ. WR 193
[Rue de la Fauvette 71, B-1180, Brussels, Belgium]

84-003484 Ockenfels, Richard A. AN EVALUATION OF AGE AND SEX RATIO DATA. *Ariz. Game Fish Dep. Wildl. Digest* 15:1-12. Sept. 1983. WR 193
Odocoileus hemionus hemionus, *O. h. crooki*, and *Tayassu tajacu* in Arizona.

84-003485 Ridpath, M. G.; R. J. Begg; M. L. Dudzinski; M. A. Forbes and A. Graham. COUNTING THE SAME POPULATIONS OF LARGE TROPICAL MAMMALS FROM THE GROUND AND FROM THE AIR. *Aust. Wildl. Res.* 10(3):487-498. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, PMB 44, Winnellie, Northern Territory 5789, Australia]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS

84-003486 Abernethy, Robert K.; Gary W. Peterson and James G. Gosselink. SNAP TRAP SURVEY OF SMALL MAMMALS ON A LOUISIANA FLOATING FRESHWATER MARSH. *Proc. La. Acad. Sci.* 46:138. 1983. Abstract only. WR 193
[La. State Univ., Baton Rouge]

84-003487 August, Peter V. THE ROLE OF HABITAT COMPLEXITY AND HETEROGENEITY IN STRUCTURING TROPICAL MAMMAL COMMUNITIES. *Ecology* 64(6):1495-1507. Dec. 1983. WR 193
[Dep. Zool., Univ. R.I., Kingston 02881]

84-003488 Cleveland, Arthur G.; John T. Baccus and Earl G. Zimmerman. DISTRIBUTIONAL RECORDS AND NOTES FOR NINE SPECIES OF MAMMALS IN EASTERN TEXAS. *Tex. J. Sci.* 35(4):323-326. Jan. 1984. WR 193
[Dep. Biol., Tex. Wesleyan Coll., Fort Worth 76105]

84-003489 David, J. H. M. and J. U. M. Jarvis. NOTES ON TWO BRIEF SURVEYS OF SMALL MAMMAL FAUNA ON THE ROOIBERG, LADISMITH, SOUTHERN CAPE PROVINCE. *S. Afr. J. Zool.* 18(4):370-377. Nov. 1983. In English with Afrikaans summ. WR 193
[Sea Fish. Res. Inst., P.O. Box 251, Cape Town, 8000 South Africa]

84-003490 Gakahu, C. G. and G. W. Cox. THE OCCURRENCE AND ORIGIN OF MIMA MOUND TERRAIN IN KENYA. *Afr. J. Ecol.* 22(1):31-42. Mar. 1984. In English with French summ. WR 193
[Dep. Biol., San Diego Univ., San Diego, CA]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

84-003491 Garrido, José Luis and Zsolt Kovacs. DISTRIBUCION DE HERBIVOROS EN CHUBUT. AFINIDAD AMBIENTAL DE GUANACO, ÑANDU Y MARA. [HERBIVORES DISTRIBUTION IN CHUBUT-ARGENTINE. ENVIRONMENTAL AFFINITY OF GUANACO, ÑANDU AND MARA.] *Cent. Nac. Patagonico Contrib.* No. 63. p. 1-14. 1982. In Spanish with English summ. WR 193

84-003492 Harris, Wayne C., compiler. SASKATCHEWAN CHRISTMAS MAMMAL COUNT--1983. *Blue Jay* 42(1):55-60. Mar. 1984. WR 193
[Box 414, Raymore, Saskatchewan, Canada S0A 3J0]

84-003493 Lampe, R. P. and J. B. Bowles. MAMMALS OF IOWA'S LOESS HILLS. *Proc. Iowa Acad. Sci.* 91(1):214. Mar. 1984. Abstract only. WR 193
[Buena Vista Coll., Storm Lake, IA 50588]

84-003494 Laundré, John W. RECENT RECORDS OF RARE SMALL MAMMAL SPECIES IN SOUTHWEST MINNESOTA. *Prairie Nat.* 15(4):188-190. Dec. 1983. WR 193
[Dep. Biol.-Earth/Space Sci., Southwest State Univ., Marshall, MN 56258]

84-003495 Lawlor, Timothy E. THE PENINSULAR EFFECT ON MAMMALIAN SPECIES DIVERSITY IN BAJA CALIFORNIA. *Am. Nat.* 121(3):432-439. Mar. 1983. WR 193
[Dep. Biol. Sci., Humboldt State Univ., Arcata, CA 95221]

84-003496 Navo, Kirk W. and Eugene D. Fleharty. SMALL MAMMALS OF WINTER WHEAT AND GRAIN SORGHUM CROPLANDS IN WEST-CENTRAL KANSAS. *Prairie Nat.* 15(4):159-172. 1983. WR 193
[Dep. Biol. Sci., Fort Hays State Univ., Hays, KS 67601]

84-003497 Patton, James L.; Brent Berlin and Elois Ann Berlin. ABORIGINAL PERSPECTIVES OF A MAMMAL COMMUNITY IN AMAZONIAN PERÚ: KNOWLEDGE AND UTILIZATION PATTERNS AMONG THE AGUARUNA JÍVARO. *In: The Pymatuning Symposia in Ecology, Vol. 6: Mammalian Biology in South America, M. A. Mares and H. H. Genoways, editors.* p. 111-128. 1982. WR 193

84-003498 Pearson, Oliver. DISTRIBUCION DE PEQUEÑOS MAMIFEROS EN EL ALTIPLANO Y LOS DESIERTOS DEL PERU. [DISTRIBUTION OF SMALL MAMMALS IN THE HIGHLANDS AND DESERTS OF PERU.] *In: Zoologia Neotropical, Actas del VIII Congresso Latinoamericano de Zoologia, P. Salinas, editor.* p. 263-284. 1982. In Spanish. WR 193
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-003499 Pearson, Oliver P. and Anita K. Pearson. ECOLOGY AND BIOGEOGRAPHY OF THE SOUTHERN RAINFORESTS OF ARGENTINA. *In: The Pymatuning Symposia in Ecology, Vol. 6: Mammalian Biology in South America, M. A. Mares and H. H. Genoways, editors.* p. 129-142. 1982. WR 193

84-003500 Pitts, Richard M. MAMMALS OF FORT McCOY, MONROE COUNTY, WISCONSIN. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):151-154. 1983. WR 193
[Dep. Military Sci., Tex. A&M Univ., College Station 77841]

MAMMALS--FAUNAS, COMMUNITIES AND MANUALS (CONTINUED)

84-003501 Reyment, Richard A. PALAEONTOLOGICAL ASPECTS OF ISLAND BIOGEOGRAPHY: COLONIZATION AND EVOLUTION OF MAMMALS ON MEDITERRANEAN ISLANDS. *Oikos* 41(3):299-306. Dec. 1983. In English with Russian summ. WR 193
[Dep. Hist. Geol. & Palaeontol., Univ. Uppsala, Box 558, S-751 22 Uppsala, Sweden]

84-003502 Sayer, J. A. and A. A. Green. THE DISTRIBUTION AND STATUS OF LARGE MAMMALS IN BENIN. *Mammal Rev.* 14(1):37-50. Mar. 1984. WR 193
[World Wildl. Fund, CH-1196 Gland, Switzerland]

84-003503 Smith, Charles H. A SYSTEM OF WORLD MAMMAL FAUNAL REGIONS. II. THE DISTANCE DECAY EFFECT UPON INTER-REGIONAL AFFINITIES. *J. Biogeogr.* 10(6):467-482. Nov. 1983. WR 193
[Dep. Geogr., Univ. Ill., Urbana 61801]

84-003504 Waechter, Antoine. NOTES SUR LES MAMMIFÈRES D'ALSACE. 3. LAGOMORPHES ET RONGEURS. [NOTES ON THE MAMMALS FROM ALSACE. 3. LAGOMORPHS AND RODENTS.] *Mammalia* 47(4):573-582. 1983. In French with English summ. WR 193
[Lab. Psychophysiol., 7 rue de Université, 67000 Strasbourg, France] Data for 20 spp.

MAMMALS--MORPHOLOGY AND PHYSIOLOGY

84-003505 Ballast, L.; V. Bruns and G. Elter. VERGLEICHENDE MORPHOLOGIE DES INNENOHRS VON SÄUGETIEREN AUS DEN ORDNUNGEN INSECTIVORA, SCANDENTIA, CHIROPTERA UND RODENTIA. [COMPARATIVE MORPHOLOGY OF THE INNER EAR OF THE MAMMALIAN ORDERS INSECTIVORA, SCANDENTIA, CHIROPTERA, AND RODENTIA.] *Verh. Dtsch. Zool. Ges.* 76:267. 1983. German abstract only. WR 193
[Zool. Inst. Univ., Siesmayerstr. 70, D-6000 Frankfurt am Main, West Germany]

84-003506 Detlaf, T. A. ADAPTATION OF POIKILOTHERMIC ANIMALS TO DEVELOPMENT IN CONDITIONS OF FLUCTUATING TEMPERATURES AND THE PROBLEM OF THE INTEGRITY OF THE DEVELOPING ORGANISM. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 12(3):139-151. May-June 1981. Translated from Ontogenez 12(3):227-242. May-June 1981. WR 193
[N. K. Kol'etsov Inst. Dev. Biol., Acad. Sci., Moscow, USSR]

84-003507 Garland, Theodore, Jr. SCALING THE ECOLOGICAL COST OF TRANSPORT TO BODY MASS IN TERRESTRIAL MAMMALS. *Am. Nat.* 121(4):571-587. Apr. 1983. WR 193
[Dep. Ecol. & Evol. Biol., Univ. Calif., Irvine 92717]

84-003508 Prothero, John. SCALING OF STANDARD ENERGY METABOLISM IN MAMMALS: I. NEGLECT OF CIRCADIAN RHYTHMS. *J. Theor. Biol.* 106(1):1-8. 7 Jan. 1984. WR 193
[Dep. Biol. Structure, Univ. Wash., School Med., Seattle 98195]

MAMMALS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

84-003509 Tarasov, S. A. [AGE PECULIARITIES OF BACULUM IN SOME MAMMALS.] *Zool. Zh.* 63(1):120-125. Jan. 1984. In Russian with English summ. WR 193
[State Vet. Inst., Leningrad, USSR]

MAMMALS--PESTICIDES AND POLLUTION

84-003510 Andrews, S. M.; M. S. Johnson and J. A. Cooke. CADMIUM IN SMALL MAMMALS FROM GRASSLAND ESTABLISHED ON METALLIFEROUS MINE WASTE. *Environ. Pollut. Ser. A Ecol. Biol.* 33(2):153-162. 1984. WR 193
[Dep. Biol., Sunderland Polytechnic, Sunderland, England]

84-003511 Bleavins, Michael Raymond. TOXICOLOGICAL MANIFESTATIONS OF HEXACHLOROBENZENE EXPOSURE IN THE MINK (*MUSTELA VISON*) AND THE EUROPEAN FERRET (*MUSTELA PUTORIUS FURO*). *Ph.D. dissertation, Mich. State Univ.* 163p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2101. Jan. 1984. WR 193

84-003512 Bleavins, Michael R.; Richard J. Aulerich and Robert K. Ringer. HEXACHLOROBENZENE-INDUCED EFFECTS ON THE LYMPHOCYTE BLASTOGENIC RESPONSE TO CONCANAVALIN A IN THE MINK AND EUROPEAN FERRET. *Environ. Toxicol. Chem.* 2(4):411-418. 1983. WR 193
[Aulerich: Dep. Anim. Sci., Mich. State Univ., East Lansing 48824] *Mustela vison* and *M. putorius furo*.

84-003513 Clark, Donald R., Jr.; Christine M. Bunck, Eugene Cromartie and Richard K. LaVal. YEAR AND AGE EFFECTS OF RESIDUES OF DIELDRIN AND HEPTACHLOR IN DEAD GRAY BATS, FRANKLIN COUNTY, MISSOURI--1976, 1977, AND 1978. *Environ. Toxicol. Chem.* 2(4):387-393. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Myotis grisescens*.

84-003514 Clark, Donald R., Jr. and Alexander J. Krynitsky. DDE IN BROWN AND WHITE FAT OF HIBERNATING BATS. *Environ. Pollut. Ser. A Ecol. Biol.* 31(4):287-299. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-003515 Grodzinska, Krystyna; Wladyslaw Grodzinski and Samuel I. Zeveloff. CONTAMINATION OF ROE DEER FORAGE IN A POLLUTED FOREST OF SOUTHERN POLAND. *Environ. Pollut. Ser. A Ecol. Biol.* 30(4):257-276. Apr. 1983. WR 193
[Grodzinski: Dep. Anim. Ecol., Jagiellonian Univ., M. Karasia 6, 30-060 Krakow, Poland] *Capreolus capreolus*.

84-003516 Hansen, Donald J. AN OIL SENSITIVITY AND VULNERABILITY INDEX ON MARINE MAMMALS OCCURRING IN ALASKA. *Proc. Alaska Sci. Conf.* 33:41. Sept. 1982. Abstract only. WR 193
[U.S. Dep. Interior, Minerals Manage. Serv., P.O. Box 1159, Anchorage, AK]

84-003517 Kawano, Masahide; Tsuyoshi Inoue; Hideo Hidaka and Ryo Tatsukawa. CHLORDANE COMPOUNDS RESIDUES IN WEDDELL SEALS (*LEPTONYCHOTES WEDDELLI*) FROM THE ANTARCTIC. *Chemosphere* 13(1):95-100. 1984. WR 193
[Dep. Environ. Conserv., Ehime Univ., Tarumi 3-5-7. Matsuyama 790, Japan]

MAMMALS--PESTICIDES AND POLLUTION (CONTINUED)

84-003518 King, Kirke A.; John Leleux and Bernard M. Mulhern. MOLYBDENUM AND COPPER LEVELS IN WHITE-TAILED DEER NEAR URANIUM MINES IN TEXAS. *J. Wildl. Manage.* 48(1):267-270. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Gulf Coast Field. Stn., P.O. Box 2506, Victoria, TX 77902] *Odocoileus virginianus.*

84-003519 Kirkland, Gordon L. POPULATION AND COMMUNITY RESPONSES OF SMALL MAMMALS TO 2,4,5-T. *U.S. For. Serv. Res. Note* PNW-314. 10p. Feb. 1978. From U.S. Government Reports 83(19):4654. 16 Sept. 1983. Available from NTIS as PB83-220087. WR 193

84-003520 Kucera, Emil. MINK AND OTTER AS INDICATORS OF MERCURY IN MANITOBA WATERS. *Can. J. Zool.* 61(10):2250-2256. Oct. 1983. In English with French summ. WR 193
[Environ. Manage., Province Manitoba, Winnipeg, Manitoba, Canada R3N OH6] *Mustela vison* and *Lutra canadensis.*

84-003521 McBride, Jenness E.; Roy L. Kirkpatrick; John J. Ney and Alan R. Tipton. VARIATION OF GENETIC INDICES IN THE PINE VOLE BEFORE AND AFTER ENDRIN TREATMENT. *Am. Midl. Nat.* 111(1):198-201. Jan. 1984. WR 193
[Dep. Fish & Wildl. Sci., Va. Polytech Inst. & State Univ., Blacksburg 24061] *Microtus pinetorum* in Virginia.

84-003522 McIlroy, J. C. THE SENSITIVITY OF AUSTRALIAN ANIMALS TO 1080 POISON. VI. BANDICOOTS. *Aust. Wildl. Res.* 10(3):507-512. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia] *Parameles nasuta.*

84-003523 McNulty, Wilbur P. FETOTOXICITY OF 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN (TCDD) FOR RHESUS MACAQUES *(MACACA MULATTA). Am. J. Primatol.* 6(1):41-47. 1984. WR 193
[Oreg. Regional Primate Res. Cent., 505 NW 185th Ave., Beaverton 97006]

84-003524 Sejkora, K. J. POLONIUM ASSIMILATION AND RETENTION IN MULE DEER AND PRONGHORN ANTELOPE. *Dep. Radiol. Radiation Biol., Colo. State Univ.* 41p. 1982. From U.S. Government Reports 84(5):89. 2 Mar. 1984. Available from NTIS as DE84001802. WR 193
Odocoileus hemionus and *Antilocapra americana.*

84-003525 Tinney, Richard T., Jr. ASSESSMENT OF PAST, PRESENT, AND FUTURE RISKS OF OIL SPILLS IN AND NEAR THE PRESENT SEA OTTER RANGE IN CALIFORNIA. *Tinney (Richard T.), Jr., Arlington, Va.* 215p. June 1983. From U.S. Government Reports 83(19):4646. 16 Sept. 1983. Available from NTIS as PB83-216069. WR 193
Enhydra lutris.

84-003526 Van der Zande, Ton and Elze de Ruiter. THE QUANTIFICATION OF TECHNICAL MIXTURES OF PCBs BY MICROWAVE PLASMA DETECTION AND THE ANALYSIS OF PCBs IN THE BLUBBER LIPID FROM HARBOUR SEALS (*PHOCA VITULINA*).

MAMMALS--PESTICIDES AND POLLUTION (CONTINUED)

84-003526 CONTINUED *Sci. Total Environ.* 27(2-3):133-147. Apr. 1983. WR 193
[Res. Inst. Nat. Manage., Kemperbergerweg 67, 6816 RM Arnhem, Netherlands]

84-003527 Woolf, Alan; Catherine Gremillion-Smith and Charles O. Frank. REGIONAL VARIATION IN METALS IN LIVERS OF WHITE-TAILED DEER IN ILLINOIS. *Trans. Ill. State Acad. Sci.* 76(3/4):305-310. 1983. WR 193
[Coop. Wildl. Res. Lab., Southern Ill. Univ., Carbondale 62901] *Odocoileus virginianus*.

84-003528 Wren, Christopher D. DISTRIBUTION OF METALS IN TISSUES OF BEAVER, RACCOON AND OTTER FROM ONTARIO, CANADA. *Sci. Total Environ.* 34(1-2):177-184. 1 Mar. 1984. WR 193
[Inst. Environ. Stud., Univ. Toronto, Toronto, Ontario, Canada M5S 1A4] *Castor canadensis*, *Procyon lotor*, and *Lutra canadensis*.

MAMMALS--PARASITES AND DISEASES

84-003529 Lane, Robert S. NEW HOST RECORDS OF TICKS (ACARI: ARGASIDAE AND IXODIDAE) PARASITIZING WILDLIFE IN CALIFORNIA AND A CASE OF TICK PARALYSIS IN A DEER. *Calif. Fish Game* 70(1):11-17. Jan. 1984. WR 193
[Dep. Entomol. Sci., Univ. Calif., Berkeley 94720] *Martes americana*, *Urocyon cinereoargenteus*, *Felis concolor*, and *Odocoileus hemionus columbianus*.

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

84-003530 Arora, K. K. and S. S. Lal. ACCEPTABILITY OF TWO ACUTE RODENTICIDES TO BLACK RAT *RATTUS RATTUS* (LINN.). *Int. Pest Control* 25(3):89. May-June 1983. WR 193
[Indian Grain Storage Inst., Hapur 245101, India]

84-003531 Delattre, P. DENSITY OF WEASEL (*MUSTELA NIVALIS* L.) AND STOAT (*MUSTELA ERMINEA* L.) IN RELATION TO WATER VOLE ABUNDANCE. *Acta Zool. Fenn.* No. 174. p. 221-222. 1983. WR 193
[Lab. Faune Sauvage Gynégét. I.N.R.A.-C.N.R.Z., 78350 Jouy-en-Josas, France] *Arvicola terrestris*.

84-003532 Fuentes, Eduardo R.; Fabian M. Jaksic and Javier A. Simonetti. EUROPEAN RABBITS VERSUS NATIVE RODENTS IN CENTRAL CHILE: EFFECTS ON SHRUB SEEDLINGS. *Oecologia (Berl.)* 58(3):411-414. June 1983. WR 193
[Fac. Cienc. Biol., Pontifica Univ. Católica Chile, Casilla 114-D, Santiago, Chile] *Oryctolagus cuniculus* and *Octodon degus*.

84-003533 Geerling, Chris. VEGETATION AND HERBIVORES IN YANKARI. *Nigerian Field* 47(4):167-184. Aug. 1983. WR 193
[Nat. Conserv. Dep., Agric. Univ., Wageningen, Netherlands]

MAMMALS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

84-003534 Gray, D. R. INTERACTIONS BETWEEN WOLVES AND MUSKOXEN ON BATHURST ISLAND, N.W.T., CANADA. *Acta Zool. Fenn.* No. 174. p. 255-257. 1983. WR 193
[Natl. Mus. Nat. Sci., Natl. Mus. Canada, Ottawa, Ontario, Canada K1A 0M8] *Canis lupus* and *Ovibos moschatus*.

84-003535 Howard, Walter E. LIVESTOCK PREDATORS AND THE BALANCE OF NATURE. *U.S. Dep. Agric. Yearb. Agric.* 1983:106-113. 1983. WR 193

84-003536 McDonald D. P. and Peter L. G. Bateman. RODENT DAMAGE IN AGRICULTURE. *Int. Pest Control* 25(3):86-88. May-June 1983. WR 193

84-003537 Munson, Patrick J. and James H. Keith. PREHISTORIC RACCOON PREDATION ON HIBERNATING *MYOTIS*, WYANDOTTE CAVE, INDIANA. *J. Mammal.* 65(1):152-155. 28 Feb. 1984. WR 193
[Dep. Anthropol., Indiana Univ., Bloomington 47405] *Procyon lotor*, *M. sodalis*, and *M. lucifugus*.

84-003538 Nelson, Michael E. and L. David Mech. OBSERVATION OF A SWIMMING WOLF KILLING A SWIMMING DEER. *J. Mammal.* 65(1):143-144. 28 Feb. 1984. WR 193
[North Central For. Exp. Stn., 1992 Folwell Ave., St. Paul, MN 55108] *Canis lupus* and *Odocoileus virginianus* in Minnesota.

84-003539 Peterson, R. O. and R. E. Page. WOLF-MOOSE FLUCTUATIONS AT ISLE ROYALE NATIONAL PARK, MICHIGAN, U.S.A. *Acta Zool. Fenn.* No. 174. p. 251-253. 1983. WR 193
[Dep. Biol. Sci., Mich. Tech. Univ., Houghton 49931] *Canis lupus* and *Alces alces*.

84-003540 Scowcroft, Paul G. and Jon G. Giffin. FERAL HERBIVORES SUPPRESS MAMANE AND OTHER BROWSE SPECIES ON MAUNA KEA, HAWAII. *J. Range Manage.* 36(5):638-645. Sept. 1983. WR 193
[Pac. Southwest For. & Range Exp. Stn., Honolulu, HI]

84-003541 Skoog, R. O. RESULTS OF ALASKA'S ATTEMPTS TO INCREASE PREY BY CONTROLLING WOLVES. *Acta Zool. Fenn.* No. 174. p. 245-247. 1983. WR 193
[Dep. Fish & Game, Juneau, AK 99801] *Canis lupus*.

MARSUPIALS

84-003542 Canfield, P. J.; C. J. Oxenford; D. N. Love and R. K. Dickens. PYOMETRA AND PYOVAGINA IN KOALAS. *Aust. Vet. J.* 60(11):337-338. Nov. 1983. WR 193
[Dep. Vet. Pathol. & Bacteriol., Univ. Sydney, Sydney, New South Wales 2006, Australia] *Phascolarctos cinereus*.

MARSUPIALS (CONTINUED)

84-003543 Collins, Patricia. MORPHOLOGICAL FEATURES OF THE SURFACE OF THE SUBCOMMISSURAL ORGAN AND AQUEDUCT IN THE RED NECKED WALLABY (*WALLABIA RUFOGRISEA*). *J. Anat.* 137(4):665-673. Dec. 1983. WR 193
[Dep. Anat., Univ. Cambridge, Downing St., Cambridge, England]

84-003544 Cork, S. J.; I. D. Hume and T. J. Dawson. DIGESTION AND METABOLISM OF A NATURAL FOLIAR DIET *(EUCALYPTUS PUNCTATA)* BY AN ARBOREAL MARSUPIAL, THE KOALA *(PHASCOLARCTOS CINEREUS)*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 153(2):181-190. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

84-003545 Hall, Leslie S. OBSERVATIONS ON BODY WEIGHTS AND BREEDING OF THE NORTHERN BROWN BANDICOOT, *ISOODON MACROURUS*, TRAPPED IN SOUTH-EAST QUEENSLAND. *Aust. Wildl. Res.* 10(3):467-476. 1983. WR 193
[Dep. Anat., Univ. Queensland, St. Lucia, Queensland 4067, Australia]

84-003546 Humphrey-Smith, Ian. AN HYPOTHESIS ON THE EVOLUTION OF HERPETOSTRONGYLINAE (TRICHOSTRONGYLOIDEA: NEMATODA) IN AUSTRALIAN MARSUPIALS, AND THEIR RELATIONSHIPS WITH VIANNAIDAE, PARASITES OF SOUTH AMERICAN MARSUPIALS. *Aust. J. Zool.* 31(6):931-942. 1983. WR 193
[Dep. Parasitol., Univ. Queensland, St. Lucia, Queensland 4067, Australia]

84-003547 Kratzing, Jean E. THE ANATOMY AND HISTOLOGY OF THE NASAL CAVITY OF THE KOALA *(PHASCOLARCTOS CINEREUS)*. *J. Anat.* 138(1):55-65. Jan. 1984. WR 193
[Dep. Vet. Anat., Univ. Queensland, St. Lucia, Brisbane, Queensland, 4067 Australia]

84-003548 Martan, Jan. THE GENITAL TRACT OF THE MALE OPOSSUM, *DIDELPHIS MARSUPIALIS VIRGINIANA*, AND OTHER MARSUPIALS. *Trans. Ill. State Acad. Sci.* 76(1/2):3-27. 1983. WR 193
[Dep. Zool., Southern Ill. Univ., Carbondale 62901]

84-003549 Moore, D. M. A SIMPLE TECHNIQUE FOR BLOOD COLLECTION IN THE OPOSSUM *(DIDELPHIS VIRGINIANA)*. *Lab. Anim.* 18(1):52-54. Jan. 1984. WR 193
[Dep. Comp. Med., Univ. Tex. Med. School, 6431 Fannin, Rm. 1.122, Houston 77025]

84-003550 Poole, W. E. BREEDING IN THE GREY KANGAROO, *MACROPUS GIGANTEUS*, FROM WIDESPREAD LOCATIONS IN EASTERN AUSTRALIA. *Aust. Wildl. Res.* 10(3):453-466. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

84-003551 Rübsamen, K.; I. D. Hume; W. J. Foley and U. Rübsamen. REGIONAL DIFFERENCES IN ELECTROLYTE, SHORT-CHAIN FATTY ACID AND WATER ABSORPTION IN THE HINDGUT OF TWO SPECIES OF ARBOREAL MARSUPIALS. *Pfluegers Arch. Eur. J. Physiol.* 399(1):68-73. 11 Sept. 1983. WR 193
[Inst. Zoophysiol., Univ. Stuttgart-Hohenheim, D-7000 Stuttgart 70, West Germany] *Petauroides volans* and *Trichosurus vulpecula*.

MARSUPIALS (CONTINUED)

84-003552 Rübsamen, Ulrike; I. D. Hume and K. Rübsamen. EFFECT OF AMBIENT TEMPERATURE ON AUTONOMIC THERMOREGULATION AND ACTIVITY PATTERNS IN THE RUFOUS RAT-KANGAROO (*AEPYPRYMNUS RUFESCENS*: MARSUPIALIA). *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 153(2):175-179. 1983. WR 193
[Inst. Zool., Univ. Stuttgart-Hohenheim, D-7000 Stuttgart 70, West Germany]

84-003553 Sakai, Tatsuo and E. W. van Lennep. THE HARDERIAN GLAND IN AUSTRALIAN MARSUPIALS. *J. Mammal.* 65(1):159-162. 28 Feb. 1984. WR 193
[Dep. Anat., Fac. Med., Univ. Tokyo, Tokyo 113, Japan]

84-003554 Short, Jeff; Graeme Caughly; David Grice and Bevan Brown. THE DISTRIBUTION AND ABUNDANCE OF KANGAROOS IN RELATION TO ENVIRONMENT IN WESTERN AUSTRALIA. *Aust. Wildl. Res.* 10(3):435-451. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia] *Macropus rufus* and *M. fuliginosus*.

84-003555 Taylor, Robert J. FORAGING IN THE EASTERN GREY KANGAROO AND THE WALLAROO. *J. Anim. Ecol.* 53(1):65-74. Feb. 1984. WR 193
[Dep. Zool., Univ. Tasmania, Box 252C, G.P.O. Hobart, Tasmania, Australia 7001] *Macropus giganteus* and *M. robustus robustus* in Australia.

84-003556 Thompson, Christine Callan. HINDLIMB MOTONEURONS IN THE NORTH AMERICAN OPOSSUM. *Ph.D. dissertation, Med. Univ. S.C.* 306p. 1981. From Diss. Abstr. Int. B Sci. Eng. 44(8):2305. Feb. 1984. WR 193
Didelphis virginiana.

MOLES, SHREWS, AND OTHER INSECTIVORES

84-003557 Allsbrooks, Donald W.; Dale K. Fowler and Linda J. Fowler. NOTES ON THE HAIRY-TAILED MOLE (*PARASCALOPS BREWERI*) IN THE CUMBERLAND MOUNTAINS OF TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):23-24. Jan.-Apr. 1983. WR 193
[TVA, Norris, TN 37828]

84-003558 Baumgardner, G. D.; J. McPherson and M. L. Kennedy. INTRASPECIFIC VARIABILITY IN CRANIAL AND POSTCRANIAL FEATURES OF *BLARINA BREVICAUDA*. *J. Tenn. Acad. Sci.* 58(1/2):13. Jan.-Apr. 1983. Abstract only. WR 193

84-003559 French, Thomas W. DIETARY OVERLAP OF *SOREX LONGIROSTRIS* AND *S. CINEREUS* IN HARDWOOD FLOODPLAIN HABITATS IN VIGO COUNTY, INDIANA. *Am. Midl. Nat.* 111(1):41-46. Jan. 1984. WR 193
[Nat. Conserv., 294 Washington St., Boston, MA 02108]

84-003560 Frykman, Ingrid; Vibeke Simonsen and Bengt Olle Bengtsson. GENETIC DIFFERENTIATION IN *SOREX*. I. ELECTROPHORETIC ANALYSIS OF THE KARYOTYPIC RACES OF *SOREX ARANEUS* IN SWEDEN. *Hereditas* 99(2):279-292. 1983. WR 193
[Dep. Genet., Univ. Lund, Sölvegatan 29, S-223 62 Lund, Sweden]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

84-003561 Haffner, Marianne and Vincent Ziswiler. HISTOLOGISCHE UNTERSUCHUNGEN AM LATERALEN INTEGUMENT DES IGELS *ERINACEUS EUROPAEUS* (MAMMALIA, INSECTIVORA). [HISTOLOGICAL INVESTIGATIONS OF THE LATERAL INTEGUMENT OF THE HEDGEHOG *ERINACEUS EUROPAEUS* (MAMMALIA, INSECTIVORA).] *Rev. Suisse Zool.* 90(4):809-816. Dec. 1983. In German with English summ. WR 193
[Zool. Mus. Universität Zürich, Winterthurerstr. 190, CH-8057 Zürich, Switzerland]

84-003562 Haim, A.; G. Heth; H. Pratt and E. Nevo. PHOTOPERIODIC EFFECTS ON THERMOREGULATION IN A 'BLIND' SUBTERRANEAN MAMMAL. *J. Exp. Biol.* 107:59-64. Nov. 1983. WR 193
[School Educ. Kibbutz Movement, Oranim P.O. Kiryat Tivon 36910, Israel] *Spalax ehrenbergi*.

84-003563 Hausser, J. and N. Zuber. DÉTERMINATION SPÉCIFIQUE D'INDIVIDUS VIVANTS DES DEUX ESPÈCES JUMELLES *SOREX ARANEUS* ET *S. CORONATUS*, PAR DEUX TECHNIQUES BIOCHIMIQUES (INSECTIVORA, SORICIDAE). [SPECIFIC DETERMINATION OF LIVING INDIVIDUALS OF THE TWO SIBLING SPECIES *SOREX ARANEUS* AND *S. CORONATUS* (INSECTIVORA, SORICIDAE) BY TWO BIOCHEMICAL TECHNIQUES.] *Rev. Suisse Zool.* 90(4):857-862. Dec. 1983. In French with English summ. WR 193
[Inst. Zool. Ecol. Anim., Univ. Lausanne, Bâtiment Biol., 1015 Lausanne, Switzerland]

84-003564 Hickman, Graham C. INFLUENCE OF THE SEMIAQUATIC HABIT IN DETERMINING BURROW STRUCTURE OF THE STAR-NOSED MOLE (*CONDYLURA CRISTATA*). *Can. J. Zool.* 61(7):1688-1692. July 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Natal, Pietermaritzburg, South Africa]

84-003565 Hoogstraal, H. and Hilda Y. Wassef. NOTES ON AFRICAN *HAEMAPHYSALIS* TICKS, XV. *H. (RHIPISTOMA) NORVALI* SP. N., A HEDGEHOG PARASITE OF THE *H. (R.) SPINULOSA* GROUP IN ZIMBABWE (ACARINA: IXODIDAE). *Onderstepoort J. Vet. Res.* 50(3):183-189. Sept. 1983. WR 193
[Med. Zool. Dep., NAMRU-3, FPO, New York, NY 09527] *Erinaceus europaeus*.

84-003566 Howell, K. M. and P. D. Jenkins. RECORDS OF SHREWS (INSECTIVORA, SORCIDIDAE) FROM TANZANIA. *Afr. J. Ecol.* 22(1):67-68. Mar. 1984. In English with French summ. WR 193
[Dep. Zool., Box 35064, Univ. Dar es Salaam, Dar es Salaam, Tanzania] *Sylvisorex megalura* and *Crocidura usambarae*.

84-003567 Junge, Jane Ann; Robert S. Hoffmann and Ron W. Debry. RELATIONSHIPS WITHIN THE HOLARCTIC *SOREX ARCTICUS* - *SOREX TUNDRENSIS* SPECIES COMPLEX. *Acta Theriol.* 28(21):339-350. Nov. 1983. In English with Polish summ. WR 193
[Mus. Nat. Hist., Dep. Systematics & Ecol., Univ. Kans., Lawrence 66045]

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

84-003568 Jurík, Milan. TO THE KNOWLEDGE OF ECOLOGICAL CONDITIONS AFFECTING THE OCCURRENCE OF SPECIFIC AND NON-SPECIFIC FLEA SPECIES ON THEIR HOSTS (*TALPA EUROPAEA* - SIPHONAPTERA). *Bi'logia (Bratisl.)* 38(10):949-957. 1983. In English with Czech and Russian summ. WR 193
[Dep. Zool. & Breeding Small Farm Anim., Univ. Agric., 662 65 Brno, Czechoslovakia]

84-003569 Krawczuk, Anna. TOPOGRAPHY AND STRUCTURE OF HEBENULAR NUCLEI IN FOUR SPECIES OF INSECTIVORA. *Acta Theriol.* 28(22)351-356. Nov. 1983. In English with Polish summ. WR 193
[Teachers Training Coll., Dep. Zool., Zolnierska 14, 10-561, Olsztyn, Poland] *Sorex araneus*, *S. minutus*, *Neomys fodiens*, and *Talpa europaea*.

84-003570 Kress, Annetrudi. ULTRASTRUCTURAL STUDY ON OOGENESIS IN SHREWS *(NEOMYS FODIENS, SOREX ARANEUS)*. *Acta Anat.* 118(1):42-49. Jan. 1984. WR 193
[Anat. Inst., Pestalozzistr. 20, CH-4056 Basel, Switzerland]

84-003571 Kress, Annetrudi. ULTRASTRUCTURAL STUDIES ON OOGENESIS IN THE SHREW (*CROCIDURA RUSSULA*): I. THE PREANTRAL FOLLICLE. *J. Morphol.* 179(1):59-71. Jan. 1984. WR 193
[Dep. Anat., Univ. Basel, 4056 Basel, Switzerland]

84-003572 Matuschka, F.-R. ENDODYOGENY IN *ISOSPORA RASTEGAIEVAE* FROM THE EURASIAN HEDGEHOG (*ERINACEUS EUROPAEUS* L.). *Parasitology* 88(1):9-12. Feb. 1984. WR 193
[Inst. Angewandte Zool., Freie Univ. Berlin, Haderslebenerstr. 9, D-1000 Berlin 41, West Germany]

84-003573 Pfaffenberger, G. S. *IXODES SORICIS* GREGSON RECOVERED FROM THE DWARF SHREW IN NEW MEXICO. *J. Wildl. Dis.* 20(1):64. Jan. 1984. WR 193
[Dep. Life Sci., Eastern N.M. Univ., Portales 88130] *Sorex nanus*.

84-003574 Rathbun, Galen B. ECOLOGY AND SOCIAL STRUCTURE OF THE RUFOUS ELEPHANT-SHREW. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 549-555. 1983. WR 193
[Sirenia Prog., U.S. Fish & Wildl. Serv., Gainesville, FL] *Elephantulus rufescens*.

84-003575 Saboureau, M. and J. Boissin. PERIPHERAL METABOLISM OF TESTOSTERONE DURING THE ANNUAL REPRODUCTIVE CYCLE IN THE MALE HEDGEHOG, A HIBERNATING MAMMAL. *Can. J. Zool.* 61(12):2849-2855. Dec. 1983. In English with French summ. WR 193
[Cent. Etud. Biol. Anim. Sauvages, Cent. Natl. Recherche Sci., Villiers-en-Bois, 79360 Beauvoir-sur-Niort, France] *Erinaceus europaeus* in France.

84-003576 Savage, Arthur and Candace Savage. SHREWS ARE VERY SMALL. *Nat. Can. (Ottawa)* 11(3):11-12. July-Sept. 1982. WR 193
Microsorex hoyi in Canada.

MOLES, SHREWS, AND OTHER INSECTIVORES (CONTINUED)

84-003577 Searle, J. B. A WILD COMMON SHREW (*SOREX ARANEUS*) WITH AN XXY SEX CHROMOSOME CONSTITUTION. *J. Reprod. Fert.* 70(1):353-356. Jan. 1984. WR 193
[Dep. Agric. Sci., Univ. Oxford, Parks Rd., Oxford, England OX1 3PF]

84-003578 Suzuki, Fumie and P. A. Racey. LIGHT AND ELECTRON MICROSCOPICAL OBSERVATIONS ON THE MALE EXCURRENT DUCT SYSTEM OF THE COMMON SHREW (*SOREX ARANEUS*). *J. Reprod. Fert.* 70(2):419-428. Mar. 1984. WR 193
[Dep. Anat., School Med., Chiba Univ., Chiba 280, Japan]

84-003579 Varona, Luis S. REMARKS ON THE BIOLOGY AND ZOOGEOGRAPHY OF *SOLENODON (ATOPOLGALE) CUBANUS* PETERS, 1861 (MAMMALIA, INSECTIVORA). *Bijdr. Dierkd.* 53(1):93-98. 1983. In English with French summ. WR 193
[Norte 29, Nuevo Vedado, Havana 6, Cuba]

84-003580 Vesmanis, I. ÜBER DIE TYPUSEXEMPLARE *CROCIDURA RUSSULA PULCHRA* CABRERA, 1907, UND *CROCIDURA RUSSULA CINTRAE* MILLER, 1907, VON DER IBERISCHEN HALBINSEL (MAMMALIA, INSECTIVORA). [ON THE TYPE SPECIMENS OF *CROCIDURA RUSSULA PULCHRA* CABRERA, 1907, AND *CROCIDURA RUSSULA CINTRAE* MILLER, 1907, ON THE IBERIAN PENINSULA (MAMMALIA, INSECTIVORA).] *Misc. Zool. (Barcelona)* 7:165-170. 1983. In German with Spanish and English. WR 193
[Rhönstr. 7, D-6497 Steinau 4, West Germany]

84-003581 Vogel, Peter. CONTRIBUTION A L'ÉCOLOGIE ET A LA ZOOGÉOGRAPHIE DE *MICROPOTAMOGALE LAMOTTEI* (MAMMALIA, TENRECIDAE). [CONTRIBUTION TO THE ECOLOGY AND ZOOGEOGRAPHY OF *MICROPOTAMOGALE LAMOTTEI* (MAMMALIA, TENRECIDAE).] *Terre Vie* 38(1):37-49. 1983. In French with English summ. WR 193
[Inst. Zool. & Ecol. Anim., 19 Place du Tunnel, CH 1005, Lausanne, Switzerland]

BATS

84-003582 Ahlén, Ingemar. THE BAT FAUNA OF SOME ISOLATED ISLANDS IN SCANDINAVIA. *Oikos* 41(3):352-358. Dec. 1983. In English with Russian summ. WR 193
[Dep. Wildl. Ecol., Swedish Univ., Agric. Sci., S-750 07 Uppsala, Sweden]

84-003583 Anthony, Edythe L. P. and Alvar W. Gustafson. A QUANTITATIVE STUDY OF PITUITARY COLLOID IN THE BAT *MYOTIS LUCIFUGUS LUCIFIGUS* IN RELATION TO AGE, SEX, AND SEASON. *Am. J. Anat.* 169(1):89-100. Jan. 1984. WR 193
[Dep. Anat. & Cell. Biol., Tufts Univ. Schools Med., Boston, MA 02111]

84-003584 Baranga, J.; H. Schliemann; F. I. B. Kayanja and R. T. Muwazi. THE EPIDIDYMIS OF THE FRUIT BAT, *EPOMOPHORUS ANURUS*. *Afr. J. Ecol.* 22(1):55-61. Mar. 1984. In English with French summ. WR 193
[Dep. Zool., Makere Univ., P.O. Box 7062, Kampala, Uganda]

BATS (CONTINUED)

84-003585 Barquez, Rubén M. UNA NUEVA LOCALIDAD PARA LA DISTRIBUCION DE *PEROPTERYX MACROTIS MACROTIS* (WAGNER) (CHIROPTERA -EMBALLONURIDAE). [A NEW LOCALITY FOR THE KNOWN DISTRIBUTION OF *PEROPTERYX MACROTIS MACROTIS* (WAGNER) (CHIROPTERA - EMBALLONURIDAE).] *Hist. Nat. (Mendoza)* 3(21):185-186. 1983. In Spanish with English summ. WR 193
[Padre Roque 50, 4000 San Miguel de Tucumán, Argentina]

84-003586 Barquez, Rubén M. BREVES COMENTARIOS SOBRE *MOLOSSUS MOLOSSUS* (CHIROPTERA-MOLOSSIDAE) DE BOLIVIA. [SOME COMMENTS ON *MOLOSSUS MOLOSSUS* (CHIROPTERA-MOLOSSIDAE) FROM BOLIVIA.] *Hist. Nat. (Mendoza)* 3(18):169-173. 1983. In Spanish with English summ. WR 193
[Padre Roque 50, 4000 San Miguel de Tucumán, Argentina]

84-003587 Beasley, Laura J.; Laura Smale and Erla R. Smith. MELATONIN INFLUENCES THE REPRODUCTIVE PHYSIOLOGY OF MALE PALLID BATS. *Biol. Reprod.* 30(2):300-305. Mar. 1984. WR 193
[Dep. Psychobiol., Univ. Calif., Irvine 92717] *Antrozous pallidus.*

84-003588 Beasley, Laura J. and I. Zucker. PHOTOPERIOD INFLUENCES THE ANNUAL REPRODUCTIVE CYCLE OF THE MALE PALLID BAT (*ANTROZOUS PALLIDUS*). *J. Reprod. Fert.* 70(2):567-573. Mar. 1984. WR 193
[Dep. Psychol., Univ. Calif., Berkeley 94720]

84-003589 Bell, Gary Philip. PREY LOCATION AND SENSORY ECOLOGY OF TWO SPECIES OF GLEANING, INSECTIVOROUS BATS, *ANTROZOUS PALLIDUS* (VESPERTILIONIDAE) AND *MACROTUS CALIFORNICUS* (PHYLLOSTOMATIDAE). *Ph.D. dissertation, Carleton Univ. (Canada)* 1982. From Diss. Abstr. Int. B Sci. Eng. 44(7):2042. Jan. 1984. WR 193

84-003590 Bogdanowicz, Wieslaw. COMMUNITY STRUCTURE AND INTERSPECIFIC INTERACTIONS IN BATS HIBERNATING IN POZNAN. *Acta Theriol.* 28(23):357-370. Nov. 1983. In English with Polish summ. WR 193
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland] Data for 8 spp.

84-003591 Bogdanowicz, Wieslaw and Zbigniew Urbanczyk. SOME ECOLOGICAL ASPECTS OF BATS HIBERNATING IN CITY OF POZNAN. *Acta Theriol.* 28(24):371-385. Nov. 1983. In English with Polish summ. WR 193
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland] Data for 9 spp.

84-003592 Brack, Virgil, Jr.; Russell E. Mumford and Virgil R. Holmes. THE GRAY BAT (*MYOTIS GRISESCENS*) IN INDIANA. *Am. Midl. Nat.* 111(1):205. Jan. 1984. WR 193
[Dep. For. & Nat. Resour., Purdue Univ., West Lafayette, IN 47907]

84-003593 Cantrill, R. C.; M. Oldfield; J. van der Westhuyzen and J. McLoughlin. PROTEIN PROFILE OF THE MYELIN MEMBRANE OF THE FRUIT BAT *ROUSETTUS AEGYPTIACUS*. *Comp. Biochem. Physiol. B Comp. Biochem.*

BATS (CONTINUED)

84-003593 CONTINUED 76(4):881-884. 1983. WR 193
[M.R.C. Brain Metabolism Res. Group, Dep. Med. Biochem. & Haematol., Univ. Witwatersrand, Johannesburg, South Africa]

84-003594 Cox, Paul Alan. OBSERVATIONS ON THE NATURAL HISTORY OF SAMOAN BATS. *Mammalia* 47(4):519-523. 1983. In English with French summ. WR 193
[Dep. Bot., Brigham Young Univ., Provo, UT 84604] *Pteropus samoensis*, *P. tonganus*, and *Emballonura semicaudata*.

84-003595 Fenton, M. B.; H. G. Merriam and G. L. Holroyd. BATS OF KOOTENAY, GLACIER, AND MOUNT REVELSTOKE NATIONAL PARKS IN CANADA: IDENTIFICATION BY ECHOLOCATION CALLS, DISTRIBUTION, AND BIOLOGY. *Can. J. Zool.* 61(11):2503-2508. Nov. 1983. In English with French summ. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] Data for 9 spp.

84-003596 Fenton, M. Brock. ECHOLOCATION: IMPLICATIONS FOR ECOLOGY AND EVOLUTION OF BATS. *Q. Rev. Biol.* 59(1):33-53. Mar. 1984. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada]

84-003597 Fiedler, Joachim. SPEZIALISIERUNGEN DER FLEDERMAUS-COCHLEA ALS ANPASSUNG AN DIE ARTSPEZIFISCHEN ORTUNGSLAUTE. [SPECIALIZATIONS OF THE BAT-COCHLEA AS ADAPTATIONS TO SPECIES-SPECIFIC ORIENTATION-CALLS.] *Verh. Dtsch. Zool. Ges.* 76:177. 1983. German abstract only. WR 193
[Zool. Inst., J. W. Goethe-Univ., Siesmayerstr. 70, D-6000 Frankfurt am Main, West Germany]

84-003598 Fullard, James H.; M. Brock Fenton and Caren L. Furlonger. SENSORY RELATIONSHIPS OF MOTHS AND BATS SAMPLED FROM TWO NEARCTIC SITES. *Can. J. Zool.* 61(8):1752-1757. Aug. 1983. In English with French summ. WR 193
[Dep. Biol., Erindale Coll., Univ. Toronto, Mississauga, Ontario, Canada L5L 1C6]

84-003599 Greet, De Gueldre and Frits De Vree. MOVEMENTS OF THE MANDIBLES AND TONGUE DURING MASTICATION AND SWALLOWING IN *PTEROPUS GIGANTEUS* (MEGACHIROPTERA): A CINERADIOGRAPHICAL STUDY. *J. Morphol.* 179(1):95-114. Jan. 1984. WR 193
[De Vree: Dep. Biol., Univ. Inst. Antwerpen, Universiteitsplein 1, 2610 Wilrijk, Belgium]

84-003600 Haiduk, Michael Wayne. EVOLUTION IN THE FAMILY PTEROPODIDAE (CHIROPTERA: MEGACHIROPTERA) AS INDICATED BY CHROMOSOMAL AND IMMUNOELECTROPHORETIC ANALYSES. *Ph.D. dissertation, Tex. Tech Univ.* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2677-2678. Mar. 1984. WR 193

84-003601 Hanák, V. and J. Gaisler. *NYCTALUS LEISLERI* (KÜHL, 1818), UNE ESPÈCE NOUVELLE POUR LE CONTINENT AFRICAIN. [*NYCTALUS LEISLERI* (KUHL, 1818), A NEW SPECIES FOR THE AFRICAN CONTINENT.] *Mammalia* 47(4):585-587. 1983. In French. WR 193
[Inst. Zool. Systematique, Univ. Charles, 12844 Prague, Czechoslovakia]

BATS (CONTINUED)

84-003602 Hassanien, F. M.; A. M. Abd El-Gawwad and H. Kaaoud. SOME STUDIES ON BLOOD PARASITES ON EGYPTAIN BATS. *Vet. Med. J.* 31(3):281-290. 1983. WR 193
[Dep. Hyg. & Parasitol., Fac. Vet. Med., Cairo Univ., Cairo, Egypt]

84-003603 Hays, Horace A.; Joyce L. Barker; Everett M. Grigsby and Thomas H. Kunz. A REPORT ON THE GRAY MYOTIS (*MYOTIS GRISESCENS*) IN THE STORM SEWERS OF PITTSBURG, KANSAS. *Bat Res. News* 24(2-3):22-23. May-Aug. 1983. WR 193
[Dep. Biol., Pittsburg State Univ., Pittsburg, KS 66762]

84-003604 Herd, Robert M. and M. Brock Fenton. AN ELECTROPHORETIC, MORPHOLOGICAL, AND ECOLOGICAL INVESTIGATION OF A PUTATIVE HYBRID ZONE BETWEEN *MYOTIS LUCIFUGUS* AND *MYOTIS YUMANENSIS* (CHIROPTERA: VESPERTILIONIDAE). *Can. J. Zool.* 61(9):2029-2050. Sept. 1983. In English with French summ. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-003605 Hermanson, John Winelius. FUNCTIONAL MORPHOLOGY AND FLIGHT KINEMATICS OF *ARTIBEUS JAMAICENSIS* (CHIROPTERA, PHYLLOSTOMIDAE). *Ph.D. dissertation, Univ. Fla.* 172p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2084. Jan. 1984. WR 193

84-003606 Hill, John E. and James D. Smith. BATS--A NATURAL HISTORY. *Univ. Tex. Press* 250p. 1984. Price $24.95 from Univ. Tex. Press, P.O. Box 7819, Austin 78712. WR 193

84-003607 Hitchcock, Harold B.; Robert Keen and Allen Kurta. SURVIVAL RATES OF *MYOTIS LEIBII* AND *EPTESICUS FUSCUS* IN SOUTHEASTERN ONTARIO. *J. Mammal.* 65(1):126-130. 28 Feb. 1984. WR 193
[Dep. Biol., Middlebury Coll., Middlebury, VT 05753]

84-003608 Hood, Craig S. and James Dale Smith. HISTOLOGY OF A SEXUALLY DIMORPHIC INTEGUMENTARY GLAND IN *MACROGLOSSUS LAGOCHILUS* (CHIROPTERA: PTEROPODIDAE). *J. Mammal.* 65(1):1-9. 28 Feb. 1984. WR 193
[Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409]

84-003609 Howell, Donna J. POLLINATING BATS AND PLANT COMMUNITIES. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 311-329. 1983. WR 193
[Purdue Univ., West Lafayette, IN]

84-003610 Jones, Gwilym S. and Howard H. Thomas. DISTRIBUTION AND ECTOPARASITES OF LITTLE BROWN BATS, *MYOTIS LUCIFUGUS*, ON PRINCE EDWARD ISLAND. *Can. Field-Nat.* 97(3):320-321. July-Sept. 1983. WR 193
[Dep. Biol., Northeastern Univ., Boston, MA 02115]

84-003611 Kasahara, Sanae and B. Dutrillaux. CHROMOSOME BANDING PATTERNS OF FOUR SPECIES OF BATS, WITH SPECIAL REFERENCE TO A CASE OF X-AUTOSOME TRANSLOCATION. *Ann. Genet.* 26(4):197-201. 1983. In English with French summ. WR 193
[Dep. Biol., Inst. Biocienc., UNESP, Campus Rio Claro, CP 178, 13500, Rio Claro, SP, Brazil]

84-003612 Koopman, Karl F. A SYNOPSIS OF THE FAMILIES OF BATS - PART IV, SUPERFAMILY PHYLLOSTOMOIDEA. *Bat Res. News* 24(2-3):17-18. May-Aug. 1983. WR 193
[Dep. Mammal., Am. Mus. Nat. Hist., New York, NY 10024]

84-003613 Kraus, H. J. COCHLEA-MORPHOLOGIE VON FLEDERMAUSARTEN MIT CF-FM ORTUNGSLAUTEN. [COCHLEA-MORPHOLOGY OF BATS WITH CF-FM ECHOLOCATION SIGNALS.] *Verh. Dtsch. Zool. Ges.* 76:178. 1983. German abstract only. WR 193
[Zool. Inst., J. W. Goethe Univ., Siesmayerstr. 70, D-6000 Frankfurt am Main 1, West Germany]

84-003614 Kunz, Thomas H. and John O. Whitaker, Jr. AN EVALUATION OF FECAL ANALYSIS FOR DETERMING FOOD HABITS OF INSECTIVOROUS BATS. *Can. J. Zool.* 61(6):1317-1321. June 1983. In English with French summ. WR 193
[Dep. Biol., Boston Univ., Boston, MA 02215] *Myotis lucifugus*.

84-003615 Leonard, M. L. and M. B. Fenton. ECHOLOCATION CALLS OF *EUDERMA MACULATUM* (VESPERTILIONIDAE): USE IN ORIENTATION AND COMMUNICATION. *J. Mammal.* 65(1):122-126. 28 Feb. 1984. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-003616 Leonard, M. L. and M. B. Fenton. HABITAT USE BY SPOTTED BATS (*EUDERMA MACULATUM*, CHIROPTERA: VESPERTILIONIDAE): ROOSTING AND FORAGING BEHAVIOUR. *Can. J. Zool.* 61(7):1487-1491. In English with French summ. WR 193
[Dep. Biol., Univ. Ottawa, Ottawa, Ontario, Canada K1N 6N5]

84-003617 Maser, C. and S. P. Cross. NOTES ON THE DISTRIBUTION OF OREGON BATS. *U.S. For. Serv. Res. Note* PNW-379. 33p. Mar. 1981. From U.S. Government Reports 84(4):60-61. 17 Feb. 1984. Available from NTIS as PB84-122654. WR 193
Data for 15 spp.

84-003618 McCarthy, Timothy J.; Alberto Cadena G. and Thomas O. Lemke. COMMENTS ON THE FIRST *TONATIA CARRIKERI* (CHIROPTERA: PHYLLOSTOMATIDAE) FROM COLOMBIA. *Lozania (Acta Zool. Colombiana)* No. 40. 6p. 30 June 1983. In English with Spanish summ. WR 193
[Sect. Mammals, Carnegie Mus. Nat. Hist., 5800 Baum Blvd., Pittsburgh, PA 15206]

84-003619 McCracken, Gary F. COMMUNAL NURSING IN MEXICAN FREE-TAILED BAT MATERNITY COLONIES. *Science* 223(4640):1090-1091. 9 Mar. 1984. WR 193
[Dep. Zool., Univ. Tenn., Knoxville 37996-0810] *Tadarida brasiliensis mexicana* in Texas.

84-003620 Medellín L., Rodrigo A.; Daniel Navarro L.; William B. Davis and Víctor J. Romero. NOTES ON THE BIOLOGY OF *MICRONYCTERIS BRACHYOTIS* (DOBSON) (CHIROPTERA), IN SOUTHERN VERACRUZ, MEXICO. *Brenesia* 21:7-11. Nov. 1983. WR 193
[Lab. Mastozool., Inst. Biol., UNAM, México, D.F. 04510]

BATS (CONTINUED)

84-003621 Menu, Henri. CONTRIBUTION À LA MÉTHODOLOGIE DE DÉTERMINATION DES *PLECOTUS AURITUS* (LINNÉ, 1758) ET *PLECOTUS AUSTRIACUS* (FISCHER, 1829). [A METHOD FOR SEPARATING *PLECOTUS AURITUS* (LINNÉ, 1758) AND *PLECOTUS AUSTRIACUS* (FISCHER, 1829).] *Mammalia* 47(4):588-591. 1983. In French. WR 193
[Cauroy-lés-Hermonville, 51220 Hermonville, France]

84-003622 Ochoa G., José and Alberto Fernández Badillo. CASO DE HIPERDONCIA EN *CHOERONISCUS MINOR* (CHIROPTERA-PHYLLOSTOMATIDAE). [CASE OF HIPERDONTIA IN *CHOERONISCUS MINOR* (CHIROPTERA-PHYLLOSTOMATIDAE).] *Acta Cient. Venezolana* 33:428-430. 1982. In Spanish with English summ. WR 193
[Serv. Nac. Fauna Silvestre, MARNR, Apartado 184, Código Postal 2101-A, Maracay, Venezuela]

84-003623 Pistole, David Hollis. ECOLOGY OF THE DIGENETIC TREMATODES OF BATS OF INDIANA. *Ph.D. dissertation, Indiana State Univ.* 124p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1746. Dec. 1983. WR 193
Data for 9 spp.

84-003624 Schnitzler, Hans-Ulrich and Erwin Flieger. DETECTION OF OSCILLATING TARGET MOVEMENTS BY ECHOLOCATION IN THE GREATER HORSESHOE BAT. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 153(3):385-391. 1983. WR 193
[Lehrstuhl Zoophysiol., Inst. Biol. III, Eberhard-Karls-Univ., D-7400 Tübingen, West Germany] *Rhinolophus ferrumequinum*.

84-003625 Simmons, J. A.; S. A. Kick; B. D. Lawrence; C. Hale; C. Bard and B. Escudié. ACUITY OF HORIZONTAL ANGLE DISCRIMINATION BY THE ECHOLOCATING BAT, *EPTESICUS FUSCUS*. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 153(3):321-330. 1983. WR 193
[Dep. Biol. & Inst. Neurosci., Univ. Oreg., Eugene 97403]

84-003626 Straney, Donald O. THE NASAL BONES OF *CHIRODERMA* (PHYLLOSTOMIDAE). *J. Mammal.* 65(1):163-165. 28 Feb. 1984. WR 193
[Dep. Zool., Mich. State Univ., East Lansing 48824]

84-003627 Thomas, D. W. and A. G. Marshall. REPRODUCTION AND GROWTH IN THREE SPECIES OF WEST AFRICAN FRUIT BATS. *J. Zool. (Lond.)* 202(2):265-281. Feb. 1984. WR 193
[Biol. Dep., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Epomops buettikoferi*, *Epomophorus gambianus*, and *Micropteropus pusillus*.

84-003628 Thomas, Donald W. THE ANNUAL MIGRATIONS OF THREE SPECIES OF WEST AFRICAN FRUIT BATS (CHIROPTERA: PTEROPODIDAE). *Can. J. Zool.* 61(10):2266-2272. Oct. 1983. In English with French summ. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Eidolon helvum*, *Myonycteris torquata* and *Nanonycteris veldkampi*.

84-003629 Timm, Robert M. TENT CONSTRUCTION BY *VAMPYRESSA* IN COSTA RICA. *J. Mammal.* 65(1):166-167. 28 Feb. 1984. WR 193
[Div. Mammals, Field Mus. Nat. Hist., Chicago, IL 60605-2496]

BATS (CONTINUED)

84-003630 Walton, R. and B. J. Trowbridge. THE USE OF RADIO-TRACKING IN STUDYING THE FORAGING BEHAVIOUR OF THE INDIAN FLYING FOX (*PTEROPUS GIGANTEUS*). *J. Zool. (Lond.)* 201(4):575-579. Dec. 1983. WR 193
[Univ. Aberdeen, Dep. Zool., Culterty Field Stn., Newburgh/Ellon, Aberdeenshire AB4 0AA, Scotland]

84-003631 Webster, William David. SYSTEMATICS AND EVOLUTION OF BATS OF THE GENUS *GLOSSOPHAGA*. *Ph.D. dissertation, Tex. Tech Univ.* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2359. Feb. 1984. WR 193

84-003632 Webster, Wm. David and J. Knox Jones, Jr. A NEW SUBSPECIES OF *GLOSSOPHAGA MEXICANA* (CHIROPTERA: PHYLLOSTOMIDAE) FROM SOUTHERN MEXICO. *Occas. Pap. Mus. Tex. Tech Univ.* No. 91. 5p. 20 Jan. 1984. WR 193
[Mus. & Dep. Biol. Sci., Tex. Tech Univ., Lubbock 79409] *G. m. brevirostris* in Mexico.

84-003633 Wenner, Anne Shapiro. CURRENT STATUS AND MANAGEMENT OF GRAY BAT CAVES IN JACKSON COUNTY, FLORIDA. *Fla. Field Nat.* 12(1):1-6. Feb. 1984. WR 193
[Game & Fresh Water Fish. Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville, FL 32601] *Myotis grisescens*.

84-003634 Yenbutra, Songsakdi and Heinz Felten. A NEW SPECIES OF THE FRUIT BAT GENUS *MEGAEROPS* FROM SE-ASIA (MAMMALIA: CHIROPTERA: PTEROPODIDAE). *Senckenb. Biol.* 64(1/3):1-11. 1983. In English with German summ. WR 193
[Inst. Sci. & Technol. Res., Bangkhen, Bangkok 9, Thailand] *M. niphanae*.

FURBEARERS

84-003635 Slough, Brian and Harvey Jessup. 1982-83 FURBEARER INVENTORY, HABITAT ASSESSMENT AND TRAPPER UTILIZATION OF THE YUKON RIVER BASIN. *Proc. Alaska Sci. Conf.* 34:164. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Whitehorse, Yukon, Canada]

RABBITS AND PIKAS

84-003636 Angermann, R. THE TAXONOMY OF OLD WORLD *LEPUS*. *Acta Zool. Fenn.* No. 174. p. 17-21. 1983. WR 193
[Mus. Nat. Humboldt-Universität, Invalidenstr. 43, 104 Berlin, East Germany]

84-003637 Baker, A. J.; J. L. Eger; R. L. Peterson and T. H. Manning. GEOGRAPHIC VARIATION AND TAXONOMY OF ARCTIC HARES. *Acta Zool. Fenn.* No. 174. p. 45-48. 1983. WR 193
[Dep. Ornithol., Royal Ontario Mus., 100 Queen's Park, Ontario, Canada M5S 2C6] *Lepus timidus* and *L. arcticus*.

RABBITS AND PIKAS (CONTINUED)

84-003638 Bishop, G. F. and A. J. Davy. SIGNIFICANCE OF RABBITS FOR THE POPULATION REGULATION OF *HIERACIUM PILOSELLA* IN BRECKLAND. *J. Ecol.* 72(1):273-284. Mar. 1984. WR 193
[School Biol. Sci., Univ. East Anglia, Norwich, England] *Oryctolagus cuniculus* in England.

84-003639 Boutin, Stanley Albert. AN EXPERIMENTAL ANALYSIS OF JUVENILE SURVIVAL AND DISPERSAL IN SNOWSHOE HARES. *Ph.D. dissertation, Univ. British Columbia (Canada)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1331. Nov. 1983. WR 193
Lepus americanus.

84-003640 Bresinski, Wojciech. THE EFFECT OF SOME HABITAT FACTORS ON THE SPATIAL DISTRIBUTION OF A HARE POPULATION DURING THE WINTER. *Acta Theriol.* 28(29):435-441. Nov. 1983. In English with Polish summ. WR 193
[Polish Hunting Assoc., Res. Stn., 62-055 Czempin, Poland] *Lepus europaeus* in Poland.

84-003641 Briggs, John M.; Jeffrey L. Racy and Horace A. Hays. A FIVE-YEAR STUDY (1975-1979) OF THE HOME RANGE OF THE COTTONTAIL RABBIT [*SYLVILAGUS FLORIDANUS ALACER* (BANGS)] ON STRIP-MINED LAND IN SOUTHEAST KANSAS. *Trans. Kans. Acad. Sci.* 86(1):24-30. 1983. WR 193
[Dep. Zool., Univ. Arkansas, Fayetteville 72701]

84-003642 Broekhuizen, S. and J. L. Mulder. DIFFERENCES AND SIMILARITIES IN NURSING BEHAVIOUR OF HARES AND RABBITS. *Acta Zool. Fenn.* No. 174. p. 61-63. 1983. WR 193
[c/o Res. Inst. Nat. Manage., Kemperbergerweg 67, 6816 RM Arnhem, Netherlands]

84-003643 Caillol, M. and L. Martinet. MATING PERIODS AND FERTILITY IN THE DOE HARE (*LEPUS EUROPAEUS*) BRED IN CAPTIVITY. *Acta Zool. Fenn.* No. 174. p. 65-68. 1983. WR 193
[Dép. Physiol. Anim., I.N.R.A., 78350 Jouy-en-Josas, France]

84-003644 Chapman, J. A.; K. R. Dixon; W. Lopez-Forment and D. E. Wilson. THE NEW WORLD JACKRABBITS AND HARES (GENUS *LEPUS*).--1. TAXONOMIC HISTORY AND POPULATION STATUS. *Acta Zool. Fenn.* No. 174. p. 49-51. 1983. WR 193
[Univ. Md., Appalachian Environ. Lab., Frostburg State Coll. Campus, Frostburg 21532]

84-003645 Conner, Douglas Allison. ACOUSTIC COMMUNICATION IN PIKAS (*OCHOTONA PRINCEPS*). *Ph.D. dissertation, Univ. Colo. (Boulder)* 186p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1375. Nov. 1983. WR 193

84-003646 Corbet, G. B. A REVIEW OF CLASSIFICATION IN THE FAMILY LEPORIDAE. *Acta Zool. Fenn.* No. 174. p. 11-15. 1983. WR 193
[British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

84-003647 Dixon, K. R.; J. A. Chapman; G. R. Willner; D. E. Wilson and W. Lopez-Forment. THE NEW WORLD JACKRABBITS AND HARES (GENUS *LEPUS*).--2. NUMERICAL TAXONOMIC ANALYSIS. *Acta Zool. Fenn.* No. 174. p. 53-56. 1983. WR 193
[Univ. Md., Cent. Environ. Estuarine Studies, Appalachian Environ. Lab., Frostburg 21532] Data for 9 spp.

84-003648 Eberhard, Mark L. and Thomas C. Orihel. *LOAINA* GEN. N. (FILARIOIDEA: ONCHOCERCIDAE) FOR THE FILARIAE PARASITIC IN RABBITS IN NORTH AMERICA. *Proc. Helminthol. Soc. Wash.* 51(1):49-53. Jan. 1984. WR 193
[Dep. Parasitol., Delta Regional Primate Res. Cent., Covington, LA 70433]

84-003649 Ferriere, Gaston; Julio Cerda and Redford Roach. EL CONEJO SILVESTRE EN CHILE. [THE EUROPEAN RABBIT, *ORYCTOLAGUS CUNICULUS*, IN CHILE.] *Bol. Tec. Corp. Nac. For. Chile* No. 8. iii + 35p. May 1983. In Spanish with English summ. WR 193

84-003650 Flux, J. E. and M. M. Flux. TAXONOMY AND DISTRIBUTION OF EAST AFRICAN HARES. *Acta Zool. Fenn.* No. 174. p. 41-43. 1983. WR 193
[Ecol. Div., DSIR, Lower Hutt, New Zealand] *Lepus crawshayi* and *L. capensis* in East Africa.

84-003651 Flux, J. E. C. INTRODUCTION TO TAXONOMIC PROBLEMS IN HARES. *Acta Zool. Fenn.* No. 174. p. 7-10. 1983. WR 193
[Ecol. Div., DSIR, Private Bag, Lower Hutt, New Zealand] *Lepus* spp.

84-003652 Flux, J. E. C. and P. J. Fullagar. WORLD DISTRIBUTION OF THE RABBIT *(ORYCTOLAGUS CUNICULUS)*. *Acta Zool. Fenn.* No. 174. p. 75-77. 1983. WR 193
[Ecol. Div., DSIR, Lower Hutt, New Zealand]

84-003653 Gray, David R. and Heather Hamilton. HARE REVELATIONS. *Nat. Can. (Ottawa)* 11(1):48-54. Jan.-Mar. 1982. WR 193
Lepus arcticus in Canada.

84-003654 Jokinen, Mikko. KASVIEN KEMIALLISEN KOOSTUMUKSEN VAIKUTUS JÄNISTEN RAVINNONVALINTAAN - KATSAUS RAVINTOEKOLOGIAN UUSIMPIIN TUTKIMUSTULOKSIIN. [THE ROLE OF PLANT CHEMISTRY IN THE FOOD CHOICE OF HARES -A REVIEW.] *Suomen Riista* 30:51-59. 1983. In Finnish with English summ. WR 193
[Dep. Zool., Inst. Biol., Univ. Turku, SF-20500 Turku 50, Finland]

84-003655 Kovács, G. SURVIVAL PATTERN IN ADULT EUROPEAN HARES. *Acta Zool. Fenn.* No. 174. p. 69-70. 1983. WR 193
[Univ. Agric. Sci., Dep. Game Biol., H-2103 Gödöllö, Hungary] *Lepus europaeus* in Hungary.

84-003656 Lazell, James D., Jr. A NEW MARSH RABBIT (*SYLVILAGUS PALUSTRIS*) FROM FLORIDA'S LOWER KEYS. *J. Mammal.* 65(1):26-33. 28 Feb. 1984. WR 193
[Conserv. Agency, 8 Swinburne St., Jamestown, RI 02835] *S. p. hefneri*.

RABBITS AND PIKAS (CONTINUED)

84-003657 Nagorsen, David W. WINTER PELAGE COLOUR IN SNOWSHOE HARES (*LEPUS AMERICANUS*) FROM THE PACIFIC NORTHWEST. *Can. J. Zool.* 61(10):2313-2318. Oct. 1983. In English with French summ. WR 193
[Vertebr. Zool. Div., British Columbia Provincial Mus., Victoria, British Columbia, Canada V8V 1X4]

84-003658 Oosterveld, P. EIGHT YEARS OF MONITORING OF RABBITS AND VEGETATION DEVELOPMENT ON ABANDONED ARABLE FIELDS GRAZED BY PONIES. *Acta Zool. Fenn.* No. 174. p. 71-74. 1983. WR 193
[Res. Inst. Nat. Manage., P.O. Box 46, 3956 ZR Leersum, Netherlands] *Oryctolagus cuniculus* in the Netherlands.

84-003659 Orlov, G. I. [THE NECK GLAND OF PIKAS (LAGOMORPHA, OCHOTONIDAE) AND THE SCENT MARKING OF *OCHOTONA ALPINA* RELATED TO ITS FUNCTIONING.] *Zool. Zh.* 62(11):1709-1717. Nov. 1983. In Russian with English summ. WR 193
[Inst. Zool., Acad. Sci., Alma-Ata, Kazakh SSR, USSR]

84-003660 Palacios, F. ON THE TAXONOMIC STATUS OF THE GENUS *LEPUS* IN SPAIN. *Acta Zool. Fenn.* No. 174. p. 27-30. 1983. WR 193
[Unidad Zool. Aplicada, Dep. Ecol., CEIDA 06, INIA, M° Agric., Pesca & Alimentación, Madrid-35, Spain]

84-003661 Reichardt, Paul B. CHEMICAL ASPECTS OF THE BROWSING BEHAVIOR OF SNOWSHOE HARES. *Proc. Alaska Sci. Conf.* 33:53. Sept. 1982. Abstract only. WR 193
[Dep. Chem., Univ. Alaska, Fairbanks 99701] *Lepus americanus* in Alaska.

84-003662 Robinson, M. H. and S. H. Wheeler. A RADIOTRACKING STUDY OF FOUR POISONING TECHNIQUES FOR CONTROL OF THE EUROPEAN RABBIT, *ORYCTOLAGUS CUNCICULUS* (L.). *Aust. Wildl. Res.* 10(3):513-520. 1983. WR 193
[Agric. Prot. Board, Bougainvillea Ave., Forestfield, Western Australia 6058, Australia]

84-003663 Robinson, T. J. and N. J. Dippenaar. THE STATUS OF *LEPUS SAXATILIS*, *L. WHYTEI* AND *L. CRAWSHAYI* IN SOUTHERN AFRICA. *Acta Zool. Fenn.* No. 174. p. 35-39. 1983. WR 193
[Mammal Res. Inst., Univ. Pretoria, Pretoria, South Africa 0002]

84-003664 Schneider, E. and M. Leipoldt. DNA RELATIONSHIP WITHIN THE GENUS *LEPUS* IN S.W. EUROPE. *Acta Zool. Fenn.* No. 174. p. 31-33. 1983. WR 193
[Zool. Inst., Univ. Göttingen, Berlin Str. 28, Göttingen, West Germany]

84-003665 Smith, Andrew T. and Barbara L. Ivins. REPRODUCTIVE TACTICS OF PIKAS: WHY HAVE TWO LITTERS? *Can. J. Zool.* 61(7):1551-1559. July 1983. In English with French summ. WR 193

RABBITS AND PIKAS (CONTINUED)

84-003665 CONTINUED
[Dep. Zool., Ariz. State Univ., Tempe 85287] *Ochotona princeps* in Colorado.

84-003666 Smith, Charles H. SPATIAL TRENDS IN CANADIAN SNOWSHOE HARE, *LEPUS AMERICANUS*, POPULATION CYCLES. *Can. Field-Nat.* 97(2):151-160. Apr.-June 1983. WR 193
[Dep. Geogr., Univ. Ill., Urbana 61801]

84-003667 Stoddart, L. Charles. SITE FIDELITY AND GROUPING OF NEONATAL JACK RABBITS, *LEPUS CALIFORNICUS*. *J. Mammal.* 65(1):136-137. 28 Feb. 1984. WR 193
[U.S. Fish & Wildl. Serv., Dep. Fish. & Wildl., Utah State Univ., Logan 84322]

84-003668 Strong, B. W. THE INVASION OF THE NORTHERN TERRITORY BY THE WILD EUROPEAN RABBIT *ORYCTOLAGUS CUNICULUS*. *Northern Territory Conserv. Comm. Tech. Rep.* No. 3. iv + 20p. May 1983. WR 193
[Conserv. Comm., Alice Springs, Northern Territory, Australia]

84-003669 Switonski, M.; G. Stranzinger and R. Fries. C-BAND POLYMORPHISM IN THE KARYOTYPE OF THE RABBIT (*ORYCTOLAGUS CUNICULUS*). *Z. Tierz. Zuchtungsbiol.* 100(5):390-400. Dec. 1983. In English with French, Spanish, and German summ. WR 193
[Stranzinge. . Inst. Tierprodukt., Gruppe Tierzucht, ETH-Zentrum, CH-8092, Zürich, Switzerland]

84-003670 Verts, B. J.; Steven D. Gehman and Kris J. Hundertmark. *SYLVILAGUS NUTTALLII*: A SEMIARBOREAL LAGOMORPH. *J. Mammal.* 65(1):131-135. 28 Feb. 1984. WR 193
[Dep. Fish & Wildl., Oreg. State Univ., Corvallis 97331]

84-003671 Wallage-Drees, J. M. EFFECTS OF FOOD ON ONSET OF BREEDING IN RABBITS, *ORYCTOLAGUS CUNICULUS* (L.), IN A SAND DUNE HABITAT. *Acta Zool. Fenn.* No. 174. p. 57-59. 1983. WR 193
[Zool. Lab., Univ. Leiden, Kaiserstr. 63, 2300 RA Leiden, Netherlands]

84-003672 Whittaker, M. E. and V. G. Thomas. SEASONAL LEVELS OF FAT AND PROTEIN RESERVES OF SNOWSHOE HARES IN ONTARIO. *Can. J. Zool.* 61(6):1339-1345. June 1983. In English with French summ. WR 193
[Thomas: Zool. Dep., Coll. Biol. Sci., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1] *Lepus americanus* in Canada.

84-003673 Williams, J. M. THE IMPACT OF BIOLOGICAL RESEARCH ON RABBIT CONTROL POLICIES IN NEW ZEALAND. *Acta Zool. Fenn.* No. 174. p. 79-83. 1983. WR 193
[Minist. Agric. & Fish., Res. Div., Box 31-011, Christchurch, New Zealand] *Oryctolagus cuniculus*.

RABBITS AND PIKAS (CONTINUED)

84-003674 Yao-ting, G. CURRENT STUDIES ON THE CHINESE YARKAND HARE. *Acta Zool. Fenn.* No. 174. p. 23-25. 1983. WR 193
[Inst. Zool., Acad. Sinica, Beijing, China] *Lepus yarkandensis* in China.

RODENTS--GENERAL

84-003675 Abdel Hafez, S.; N. Ismail and D. H. Molyneux. NON-POISONOUS ADHESIVES FOR CAPTURE OF DESERT RODENT RESERVOIRS OF LEISHMANIASIS. *Ann. Trop. Med. Parasitol.* 78(1):83-84. Feb. 1984. WR 193
[Dep. Biol. Sci., Yarmouk Univ., Irbid, Jordan]

84-003676 Cox, George W. and Christopher G. Gakahu. THE FORMATION OF MIMA MOUNDS IN THE KENYA HIGHLANDS: A TEST OF THE DALQUEST-SCHEFFER HYPOTHESIS. *J. Mammal.* 65(1):149-152. 28 Feb. 1984. WR 193
[Dep. Biol., San Diego State Univ., San Diego, CA 92182]

84-003677 Degtyar', V. G.; L. A. Loseva and V. A. Isachenkov. AGE DEPENDENCE OF ANDROGEN METABOLISM IN THE RAT PITUITARY AND HYPOTHALAMUS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 13(1):54-61. Jan.-Feb. 1982. Translated from Ontogenez 13(1):62-70. Jan.-Feb. 1982. WR 193
[Cent. Res. Lab., Minist. Public Health, Moscow, USSR]

84-003678 Fayenuwo, J. O. THE RODENT POPULATION IN THE UNIVERSITY OF IFE CAMPUS. *Nigerian Field* 47(4):194-201. Aug. 1983. WR 193
[Nat. Hist. Mus., Univ. Ife, Ife, Nigeria]

84-003679 Hay, J.; W. M. Hutchison; M. H. Jackson and J. Chr. Siim. PREVALENCE OF *TOXOPLASMA* INFECTION IN A WILD RODENT POPULATION FROM CENTRAL SCOTLAND. *Ann. Trop. Med. Parasitol.* 77(6):653-654. Dec. 1983. WR 193
[Dep. Biosci. & Biotechnol., Biol. Div., Univ. Strathclyde, George St., Glasgow G1 1XW, Scotland] Data for 3 spp.

84-003680 Holm, Kent E.; Ron J. Johnson and Walter W. Stroup. RODENT-AGRICULTURE INTERACTIONS IN NO-TILLAGE CROP FIELDS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:109. 12 Dec. 1983. Abstract only. WR 193
[Dep. For., Fish & Wildl., Univ. Nebr., Lincoln 68583]

84-003681 Howard, Walter E. SOME INTERNATIONAL APPROACHES TO RAT CONTROL. *Proc. Great Plains Wildl. Damage Control Workshop* 6:48-52. 12 Dec. 1983. WR 193
[Dep. Wildl. & Fish. Biol., Univ. Calif., Davis 95616]

84-003682 Karim, Mohammed Abdul. EFFECTS OF ZINC PHOSPHIDE TREATMENTS ON HAWAIIAN SUGARCANE RAT POPULATIONS. *Ph.D. dissertation, Bowling Green State Univ.* 199p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2356. Feb. 1984. WR 193

84-003683 Klevezal', G. A. FORMATION OF DAILY LAYERS IN DENTIN OF INCISORS IN RODENTS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 12(5):274-282. Sept.-Oct. 1981. Translated from Ontogenez 12(5):443-452. Sept.-Oct. 1981. WR 193
[N. K. Kol'etsov Inst. Dev. Biol., Acad. Sci., Moscow, USSR]

84-003684 Kotler, Burt P. HARVESTING RATES AND PREDATORY RISK IN DESERT RODENTS: A COMPARISON OF TWO COMMUNITIES ON DIFFERENT CONTINENTS. *J. Mammal.* 65(1):91-96. 28 Feb. 1984. WR 193
[Dep. Systematics & Ecol., Univ. Kans., Lawrence 66045]

84-003685 Kroeze, W. K. and R. S. Freeman. GROWTH AND DEVELOPMENT OF *TAENIA CRASSICEPS* (CESTODA) IN THE SMALL INTESTINE AND PERITONEAL CAVITY OF MICE FOLLOWING ORAL INFECTION. *Can. J. Zool.* 61(7):1598-1604. July 1983. In English with French summ. WR 193
[Inst. Parasitol., McGill Univ., 21 111 Lakeshore Rd., Ste-Anne-de-Bellevue, Quebec, Canada H9X 1CO]

84-003686 Linn, Jonathan W. KEEPING SQUIRRELS AND ROOF RATS OUT OF STRUCTURES. *Proc. Great Plains Wildl. Damage Control Workshop* 6:45-47. 12 Dec. 1983. WR 193
[2704 Glenwood, Independence, MO 64052] *Rattus rattus* and 7 spp. of sciurids.

84-003687 McClintock, Martha K. THE BEHAVIORAL ENDOCRINOLOGY OF RODENTS: A FUNCTIONAL ANALYSIS. *BioScience* 33(9):573-577. Oct. 1983. WR 193
[Dep. Behav. Sci., Univ. Chicago, 5730 Woodlawn Ave., Chicago, IL 60637]

84-003688 Qian Guozhen and Zhu Longbiao. [AN ECOLOGICAL STUDY OF RODENTS FROM SHANGHAI.] *Zool. Res.* 4(4):339-344. 1983. In Chinese with English summ. WR 193
Data for 7 spp.

84-003689 Reichman, O. J. and Philip Fay. COMPARISON OF THE DIETS OF A CACHING AND A NONCACHING RODENT. *Am. Nat.* 122(4):576-581. Oct. 1983. WR 193
[Div. Biol., Kans. State Univ., Manhattan 66506] *Perognathus intermedius* and *Peromyscus maniculatus*.

84-003690 Shumake, Stephen A. EFFICACY EVALUATIONS OF ULTRASONIC RODENT REPELLENT DEVICES. *Proc. Great Plains Wildl. Damage Control Workshop* 6:110. 12 Dec. 1983. Abstract only. WR 193
[Denver Wildl. Res. Cent., Bldg. 16, Fed. Cent., Denver, CO 80225]

84-003691 Snider, Carl. USE OF ALUMINUM PHOSPHIDE FUMIGANTS FOR BURROWING RODENT CONTROL. *Proc. Great Plains Wildl. Damage Control Workshop* 6:57-60. 12 Dec. 1983. WR 193
[Res. Products Co., P.O. Box 1268, Salina, KS 67402]

RODENTS--GENERAL (CONTINUED)

84-003692 Young, Richard E. and William R. Clark. RODENT POPULATIONS AND CROP DAMAGE IN MINIMUM TILLAGE CORN FIELDS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:108. 12 Dec. 1983. Abstract only. WR 193
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011]

SCIURIDS

84-003693 Balcer, J. P. and R. R. J. Chaffee. RENAL METABOLIC RESPONSE TO THERMAL STRESS BY THREE SPECIES OF GROUND SQUIRRELS. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(3):538-541. 1984. WR 193
[Physiol. Dep., La. State Univ. Med. Cent., New Orleans 70112] *Spermophilus lateralis, S. tereticaudus* and *Ammospermophilus leucurus*.

84-003694 Barnes, Brian McRae. THE REPRODUCTIVE ENDOCRINOLOGY OF THE GOLDEN-MANTLED GROUND SQUIRREL, *SPERMOPHILUS SATURATUS*. *Ph.D. dissertation, Univ. Wash.* 79p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2354. Feb. 1984. WR 193

84-003695 Bennett, Albert F.; Raymond B. Huey; Henry John-Alder and Kenneth A. Nagy. THE PARASOL TAIL AND THERMOREGULATORY BEHAVIOR OF THE CAPE GROUND SQUIRREL *XERUS INAURIS*. *Physiol. Zool.* 57(1):57-62. Jan./Feb. 1984. WR 193
[School Biol. Sci., Univ. Calif., Irvine 92717]

84-003696 Bjugstad, Ardell J. RODENT MANAGEMENT ON THE NORTHERN HIGH PLAINS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:107. 12 Dec. 1983. Abstract only. WR 193
[Rocky Mountain For. & Range Exp. Stn., S.D. School Mines, Rapid City 57701] *Citellus columbianus* and *Cynomys ludovicianus* in Montana and South Dakota.

84-003697 Blake, Barbara H. and K. Elizabeth Gillett. REPRODUCTION OF ASIAN CHIPMUNKS (*TAMIAS SIBIRICUS*) IN CAPTIVITY. *Zoo Biol.* 3(1):47-63. 1984. WR 193
[612 Willoughby Blvd., Greensboro, NC 27408]

84-003698 Cothran, E. Gus and Rodney L. Honeycutt. CHROMOSOMAL DIFFERENTIATION OF HYBRIDIZING GROUND SQUIRRELS *(SPERMOPHILUS MEXICANUS* AND *S. TRIDECEMLINEATUS)*. *J. Mammal.* 65(1):118-122. 28 Feb. 1984. WR 193
[Southwest Foundation Res. & Educ., P.O. Box 28147, San Antonio, TX 78284]

84-003699 Dolman, Teresa M. PHOTOPERIOD AS AN ENVIRONMENTAL CUE FOR HIBERNATION IN JUVENILE RICHARDSON'S GROUND SQUIRRELS, *SPERMOPHILUS RICHARDSONI*. *Can. Field-Nat.* 97(3):323-325. July-Sept. 1983. WR 193
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4]

84-003700 Dolman, Teresa M. and Gail R. Michener. BROWN AND WHITE ADIPOSE TISSUE IN RELATION TO AGE AND SEX IN JUVENILE RICHARDSON'S GROUND SQUIRRELS. *Can. J. Zool.* 61(12):2789-2798. Dec. 1983. In English with

SCIURIDS (CONTINUED)

84-003700 CONTINUED French summ. WR 193
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4] *Spermophilus richardsonii*.

84-003701 Dubey, J. P. *SARCOCYSTIS BOZEMANENSIS* SP. NOV. (PROTOZOA: SARCOCYSTIDAE) AND *S. CAMPESTRIS* FROM THE RICHARDSON'S GROUND SQUIRREL (*SPERMOPHIOUS RICHARDSONII*), IN MONTANA, U.S.A. *Can. J. Zool.* 61(4):942-946. Apr. 1983. In English with French summ. WR 193
[Anim. Physiol. Inst., U.S. Dep. Agric., Beltsville, MD 20705]

84-003702 Durden, Lance A. PHENOLOGY AND HOST ASSOCIATIONS OF EASTERN CHIPMUNK (*TAMIAS STRIATUS*) EPIFAUNA IN CENTRAL TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):16-20. Jan.-Apr. 1983. WR 193
[Vanderbilt Univ., Nashville, TN 37235]

84-003703 Emelianov, P. F. [ON THE MIGRATIONAL ACTIVITY OF *CITELLUS MUSICUS*]. *Zool. Zh.* 62(12):1858-1862. Dec. 1983. In Russian with English summ. WR 193
[Res. Anti-Plague Inst. Caucasus & Transcaucasia, Stavropol, USSR]

84-003704 Ferron, Jean. SCENT MARKING BY CHEEK RUBBING IN THE NORTHERN FLYING SQUIRREL (*GLAUCOMYS SABRINUS*). *Can. J. Zool.* 61(11):2377-2380. Nov. 1983. In English with French summ. WR 193
[Dep. Sci. Pures, Univ. Quebec, Rimouski, Quebec, Canada G5L 3A1]

84-003705 Florant, Gregory L. and Lawrence Tamarkin. PLASMA MELATONIN RHYTHMS IN EUTHERMIC MARMOTS *(MARMOTA FLAVIVENTRIS)*. *Biol. Reprod.* 30(2):332-337. Mar. 1984. WR 193
[Dep. Biol., Swarthmore Coll., Swarthmore, PA 19081]

84-003706 Franke, Donald J. URBAN/SUBURBAN SQUIRREL CONTROL IN PRIVATE RESIDENCES. *Proc. Great Plains Wildl. Damage Control Workshop* 6:106. 12 Dec. 1983. Abstract only. WR 193
[Sun Pest Control, 2945 McGee Trafficway, Kansas City, MO 64108] *Sciurus carolinensis*.

84-003707 Frommel, D.; D. Krevat; L. Vitvitsky; C. Pichoud; O. Hantz; M. Chevalier; J.-A. Grimaud; J. Lindberg and C. G. Trépo. IMMUNOPATHOLOGIC ASPECTS OF WOODCHUCK HEPATITIS. *Am. J. Pathol.* 115(1):125-134. Apr. 1984. WR 193
[INSERM U 56, Hôpital Bicêtre, 78 rue du Général Leclerc, 94270 Bicêtre, France] *Marmota monax*.

84-003708 Gauthier, D. and A. Harestad. FORAGING BEHAVIOR AND RISK OF PREDATION IN ARCTIC GROUND SQUIRRELS (*SPERMOPHILUS PARRYII*). *Proc. Alaska Sci. Conf.* 34:75. 1983. Abstract only. WR 193
[Dep. Biol. Sci., Simon Fraser Univ., Burnaby, British Columbia, Canada]

84-003709 Ginatulin, A. A.; L. K. Ginatulina and N. N. Vorontsov. GENOME ANALYSIS OF GROUND SQUIRRELS OF THE GENUS *CITELLUS* (RODENTIA, SCIURIDAE) II. DNA SEQUENCE ORGANIZATION. *Genetica (The Hague)* 62(2):117-128.

SCIURIDS (CONTINUED)

84-003709 CONTINUED 30 Dec. 1983. WR 193
[Inst. Biol. & Pedol., Far East Sci. Cent., USSR Acad. Sci., Vladivostok 22, USSR] Data from 5 spp.

84-003710 Gould, Harry J. III. INTERHEMISPHERIC CONNECTIONS OF THE VISUAL CORTEX IN THE GREY SQUIRREL *(SCIURUS CAROLINENSIS). J. Comp. Neural.* 223(2):259-301. 20 Feb. 1984. WR 193
[Dep. Anat., La. State Univ. Med. Cent., New Orleans 70112]

84-003711 Hébert, Paule. LA MARMOTTE COMMUNE: UN MAMMIFÈRE À DÉCOUVRIR. [THE COMMON MARMOT: A MAMMAL TO DISCOVER.] *Carnets Zool.* 43(4):52-55. 1983. In French. WR 193
[Dep. Biol., Univ. Laval, Ste-Foy, Québec, Canada G1K 7P4]

84-003712 Hébert, Paule and Jacques Prescott. ÉTUDE DU MARQUAGE OLFACTIF CHEZ MARMOTTE COMMUNE (*MARMOTA MONAX*) EN CAPTIVITÉ. [A STUDY OF SCENT MARKING IN THE COMMON MARMOT (*MARMOTA MONAX*) IN CAPTIVITY.] *Can. J. Zool.* 61(8):1720-1725. Aug. 1983. In French with English summ. WR 193
[Dep. Biol., Univ. Laval, Quebec, Canada G1K 7P4]

84-003713 Hancock, Lyn. THE VANCOUVER ISLAND MARMOT. *Nat. Can. (Ottawa)* 11(2):18-23. Apr.-June 1982. WR 193
Marmota vancouverensis in Canada.

84-003714 Harris, M. A.; J. O. Murie and J. A. Duncan. RESPONSES OF COLUMBIAN GROUND SQUIRRELS TO PLAYBACK OF RECORDED CALLS. *Z. Tierpsychol.* 63(4):318-330. Dec. 1983. In English with German summ. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Spermophilus columbianus*.

84-003715 Holekamp, Kay Ellen. PROXIMAL MECHANISMS OF NATAL DISPERSAL IN BELDING'S GROUND SQUIRREL (*SPERMOPHILUS BELDINGI BELDINGI*). *Ph.D. dissertation, Univ. Calif. (Berkeley)* 295p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2356. Feb. 1984. WR 193

84-003716 Holms, Warren G. SIBLING RECOGNITION IN THIRTEEN-LINED GROUND SQUIRRELS: EFFECTS OF GENETIC RELATEDNESS, REARING ASSOCIATION, AND OLFACTION. *Behav. Ecol. Sociobiol.* 14(3):225-233. 1984. WR 193
[Psychol. Dep., Univ. Mich., Ann Arbor 48109] *Spermophilus tridecemlineatus*.

84-003717 Hoogland, John L. BLACK-TAILED PRAIRIE DOG COTERIES ARE COOPERATIVELY BREEDING UNITS. *Am. Nat.* 121(2):275-280. Feb. 1983. WR 193
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] *Cynomys ludovicianus*.

84-003718 Loibl, Michael. DIURNAL VARIATION IN THE ACTIVITY BUDGET AND RECOGNITION BEHAVIOR OF CAPTIVE OUTDOOR HOUSED BROOKS RANGE MARMOTS *MARMOTA BROWERI*. *Proc. Alaska Sci. Conf.* 33:48. Sept. 1982. Abstract

SCIURIDS (CONTINUED)

84-003718 CONTINUED only. WR 193
[Dep. Vet. Sci., Univ. Md., College Park 20742]

84-003719 Matschke, George H.; Kathleen A. Fagerstone; Steve F. Baril and Raymond W. Blaskiewicz. POPULATION REDUCTION OF RICHARDSON'S GROUND SQUIRRELS USING A BRODIFACOUM BAIT. *Proc. Great Plains Wildl. Damage Control Workshop* 6:34-44. 12 Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., Denver Wildl. Res. Cent., Bldg. 16, Denver Fed. Cent., Denver, CO 80225]

84-003720 McIntire, Patrick W. FUNGUS CONSUMPTION BY THE SISKIYOU CHIPMUNK WITHIN A VARIOUSLY TREATED FOREST. *Ecology* 65(1):137-146. Feb. 1984. WR 193
[Dep. Fish. & Wildl., Oreg. State Univ., Corvallis 97331] *Eutamias siskiyou* in Oregon.

84-003721 Melnyk, Roman B. ACCELERATED CIRCANNUAL CYCLES IN GROUND SQUIRRELS, *SPERMOPHILUS RICHARDSONII*, KEPT IN CONSTANT CONDITIONS. *Can. J. Zool.* 61(8):1765-1770. Aug. 1983. In English with French summ. WR 193
[Res. Inst., Hospital For Sick Children, Toronto, Ontario, Canada M5G 1X8]

84-003722 Michener, Gail R. and Jan O. Murie. BLACK-TAILED PRAIRIE DOG COTERIES: ARE THEY COOPERATIVELY BREEDING UNITS? *Am. Nat.* 121(2):266-274. Feb. 1983. WR 193
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4] *Cynomys ludovicianus*.

84-003723 Michener, Gail R. SEXUAL DIFFERENCES IN BODY WEIGHT PATTERNS OF RICHARDSON'S GROUND SQUIRRELS DURING THE BREEDING SEASON. *J. Mammal.* 65(1):59-66. 28 Feb. 1984. WR 193
[Dep. Biol. Sci., Univ. Lethbridge, Lethbridge, Alberta, Canada T1K 3M4] *Spermophilus richardsonii* in Canada.

84-003724 Moller, H. AN APPARATUS FOR ANAESTHETIZING SMALL MAMMALS. *J. Zool. (Lond.)* 201(4):579-581. Dec. 1983. WR 193
[Ecol. Div., DSIR, Private Bag, Lower Hutt, New Zealand] *Sciurus vulgaris*.

84-003725 Nuckle, Jacques R. and Jean-Marie Bergeron. CHOIX D'UNE MÉTHOD D'ESTIMATION DE DENSITÉ DE POPULATION DE LA MARMOTTE COMMUNE (*MARMOTA MONAX*). [CHOICE OF METHOD FOR POPULATION DENSITY ESTIMATES OF THE COMMON MARMOT (*MARMOTA MONAX*).] *Can. J. Zool.* 61(11):2476-2481. Nov. 1983. In French with English summ. WR 193
[Dep. Biol., Fac. Sci., Univ. Sherbrooke, Sherbrooke, Quebec, Canada J1K 2R1]

SCIURIDS (CONTINUED)

84-003726 Pohl, Hermann. LIGHT PULSES ENTRAIN THE CIRCADIAN ACTIVITY RHYTHM OF A DIURNAL RODENT (*AMMOSPERMOPHILUS LEUCURUS*). *Comp. Biochem. Physiol. B Comp. Biochem.* 76(4):723-729. 1983. WR 193
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, 8138 Andechs, Radolfzell, West Germany]

84-003727 Raphael, Martin G. LATE FALL BREEDING OF THE NORTHERN FLYING SQUIRREL, *GLAUCOMYS SABRINUS*. *J. Mammal.* 65(1):138-139. 28 Feb. 1984. WR 193
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

84-003728 Sands, J. J.; A. C. Scott and J. W. Harkness. ISOLATION IN CELL CULTURE OF A POXVIRUS FROM THE RED SQUIRREL (*SCIURUS VULGARIS*). *Vet. Rec.* 114(5):117-118. 4 Feb. 1984. WR 193
[Cent. Vet. Lab., New Haw, Weybridge, Surrey KT15 3NB, England]

84-003729 Shivaprasad, H. L.; J. P. Sundberg and R. Ely. MALIGNANT MIXED (CARCINOSARCOMA) MAMMARY TUMOR IN A GRAY SQUIRREL. *Vet. Pathol.* 21(1):115-117. Jan. 1984. WR 193
[Dep. Pathol., Coll. Vet. Med., Univ. Ill., 2001 S. Lincoln, Urbana 61801] *Sciurus carolinensis*.

84-003730 Single, Jeffrey Richard. HOME RANGE DYNAMICS OF A SMALL WOODLOT POPULATION OF FOX SQUIRRELS (*SCIURUS NIGER*) IN SOUTHERN ILLINOIS. *Ph.D. dissertation, Southern Ill. Univ. (Carbondale)* 104p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1379. Nov. 1983. WR 193

84-003731 Siwela, Andrew A. and W. H. Tam. ULTRASTRUCTURAL CHANGES IN THE PROSTATE GLAND OF A SEASONALLY BREEDING MAMMAL, THE GREY SQUIRREL (*SCIURUS CAROLINENSIS* GMELIN). *J. Anat.* 138(1):153-162. Jan. 1984. WR 193
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7]

84-003732 Stroud, Dennis C. AN EVALUATION OF BURROW DESTRUCTION AS A GROUND SQUIRREL CONTROL METHOD. *Proc. Great Plains Wildl. Damage Control Workshop* 6:105. 12 Dec. 1983. Abstract only. WR 193
[Wildl. Ext., Univ. Calif., Davis 95616] *Spermophilus beecheyi*.

84-003733 Trombulak, Stephen Christopher. THE ECOLOGY OF MONTANE SCIURIDS: PATTERN AND PROCESS IN POPULATION AND COMMUNITY STRUCTURE. *Ph.D. dissertation, Univ. Wash.* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2358. Feb. 1984. WR 193
Eutamias amoenus, *Eutamias townsendii*, and *Spermophilus saturatus* in Washington.

84-003734 Vahle, J. Robert and David R. Patton. RED SQUIRREL COVER REQUIREMENTS IN ARIZONA MIXED CONIFER FORESTS. *J. For.* 81(1):14-15, 22. Jan. 1983. WR 193
[Apache-Sitgreaves Natl. For., Alpine, AZ 71920] *Tamiasciurus hudsonicus* in Arizona.

SCIURIDS (CONTINUED)

84-003735 Viljoen, S. COMMUNICATORY BEHAVIOUR OF SOUTHERN AFRICAN TREE SQUIRRELS, *PARAXERUS PALLIATUS ORNATUS, P. P. TONGENSIS, P. C. CEPAPI* AND *FUNISCIURUS CONGICUS. Mammalia* 47(4):441-461. 1983. In English with French summ. WR 193
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-003736 Viljoen, S. FEEDING HABITS AND COMPARATIVE FEEDING RATES OF THREE SOUTHERN AFRICAN ARBOREAL SQUIRRELS. *S. Afr. J. Zool.* 18(4):378-387. Nov. 1983. In English with Afrikaans summ. WR 193
[Mammal Res. Inst., Univ. Pretoria, Pretoria, 0002 South Africa] *Paraxerus palliatus ornatus, P. p. tongensis*, and *P. cepapi cepapi.*

84-003737 Waterman, Jane M. INFANTICIDE IN THE COLUMBIAN GROUND SQUIRREL, *SPERMOPHILUS COLUMBIANUS. J. Mammal.* 65(1):137-138. 28 Feb. 1984. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

84-003738 Young, Ruth A. INTERRELATIONSHIPS BETWEEN BODY WEIGHT, FOOD CONSUMPTION AND PLASMA THYROID HORMONE CONCENTRATION CYCLES IN THE WOODCHUCK, *MARMOTA MONAX. Comp. Biochem. Physiol. A Comp. Physiol.* 77(3):533-536. 1984. WR 193
[Dep. Nuclear Med., Univ. Mass. Med. School, Worcester 01605]

BEAVER, MUSKRAT, AND NUTRIA

84-003739 Bollinger, K. S.; H. E. Hodgdon and J. J. Kennelly. FACTORS AFFECTING WEIGHT AND VOLUME OF CASTOR AND ANAL GLANDS OF BEAVER *(CASTOR CANADENSIS). Acta Zool. Fenn.* No. 174. p. 115-116. 1983. WR 193
[Dep. For. & Wildl. Manage., Univ. Mass., Amherst 01003]

84-003740 Busher, P. E. INTERACTIONS BETWEEN BEAVERS IN A MONTANE POPULATION IN CALIFORNIA. *Acta Zool. Fenn.* No. 174. p. 109-110. 1983. WR 193
[Coll. Basic Studies, Boston Univ., 871 Commonwealth Ave., Boston, MA 02215] *Castor canadensis.*

84-003741 Courcelles, R. and R. Nault. BEAVER PROGRAMS IN THE JAMES BAY AREA, QUEBEC, CANADA. *Acta Zool. Fenn.* No. 174. p. 129-131. 1983. WR 193
[800 E. Maisonneuve 2nd f., Montreal, Quebec, Canada] *Castor canadensis.*

84-003742 Danilov, P. I. and V. Ya. Kan'shiev. THE STATE OF POPULATIONS AND ECOLOGICAL CHARACTERISTICS OF EUROPEAN (*CASTOR FIBER* L.) AND CANADIAN (*CASTOR CANADENSIS* KUHL.) BEAVERS IN THE NORTHWESTERN USSR. *Acta Zool. Fenn.* No. 174. p. 95-97. 1983. WR 193
[Pushkinskaya II, 185610 Petrozavodsk, USSR]

BEAVER, MUSKRAT, AND NUTRIA (CONTINUED)

84-003743 Doboszynska, T. and W. Zurowski. REPRODUCTION OF THE EUROPEAN BEAVER. *Acta Zool. Fenn.* No. 174. p. 123-126. 1983. WR 193
[Res. Stn. Polish Acad. Sci. Popielno, 12-222 Wejsuny, Popielno, Poland] *Castor fiber* in Poland.

84-003744 Geddes, F. MUSKRAT ECOLOGY ON THE NORTHERN DELTA. *Proc. Alaska Sci. Conf.* 34:73. 1983. Title only. WR 193
Ondatra zibethicus.

84-003745 Harman, Dan M.; Gale R. Willner and Joseph A. Chapman. FREQUENCY AND DISTRIBUTION OF THE AMERICAN DOG TICK ON THE NUTRIA IN MARYLAND. *Am. Midl. Nat.* 111(1):81-85. Jan. 1984. WR 193
[Cent. Environ. & Estuarine Studies, Appalachian Environ. Lab., Frostburg State Coll. Campus, Frostburg, MD 21532]

84-003746 Hodgdon, H. E. and R. A. Lancia. BEHAVIOR OF THE NORTH AMERICAN BEAVER, *CASTOR CANADENSIS*. *Acta Zool. Fenn.* No. 174. p. 99-103. 1983. WR 193
[Wildl. Soc., 5410 Grosvenor, Bethesda, MD 20814]

84-003747 Hoffman, Max. BIBLIOGRAPHIE DER BISAMRATTEN (*ONDATRA*)-LITERATUR 7. NACHTRAG. [BIBLIOGRAPHY ON MUSKRAT (*ONDATRA*) - 7th SUPPLEMENT.] *Z. Angew. Zool.* 69:385-419. 1982. In German. WR 193
[Loewenhardtdamm 17, D-1000 Berlin 42, West Germany] *Ondatra zibethicus.*

84-003748 Johnson, Reed B. ASPEN UTILIZATION BY BEAVER (*CASTOR CANADENSIS*) IN NORTHERN WISCONSIN. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):82-86. 1983. WR 193
[50 Ver Bunker Ave., Port Edwards, WI 54469]

84-003749 Lancia, R. A. and H. E. Hodgdon. OBSERVATIONS ON THE ONTOGENY OF BEHAVIOR OF HAND-REARED BEAVERS *(CASTOR CANADENSIS)*. *Acta Zool. Fenn.* No. 174. p. 117-119. 1983. WR 193
[For. Dep., N.C. State Univ., Raleigh 27650]

84-003750 Larson, J. S. and J. R. Gunson. STATUS OF THE BEAVER IN NORTH AMERICA. *Acta Zool. Fenn.* No. 174. p. 91-93. 1983. WR 193
[Dep. For. & Wildl. Manage., Univ. Mass., Amherst 01003] *Castor canadensis.*

84-003751 Lavrov, L. S. EVOLUTIONARY DEVELOPMENT OF THE GENUS *CASTOR* AND TAXONOMY OF THE CONTEMPORARY BEAVERS OF EURASIA. *Acta Zool. Fenn.* No. 174. p. 87-90. 1983. WR 193
[Voronezh Reserve, USSR]

84-003752 Lavsund, S. BEAVER MANAGEMENT AND ECONOMICS--EUROPE EXCEPT THE USSR. *Acta Zool. Fenn.* No. 174. p. 133-135. 1983. WR 193
[Dep. Wildl. Ecol., Swedish Univ. Agric. Sci., P.O. Box 7002, S-750 07 Uppsala, Sweden] *Castor fiber* and *C. canadensis.*

BEAVER, MUSKRAT, AND NUTRIA (CONTINUED)

84-003753 MacArthur, Robert A. MICROENVIRONMENT GAS CONCENTRATIONS AND TOLERANCE TO HYPERCAPNIA IN THE MUSKRAT *ONDATRA ZIBETHICUS*. *Physiol. Zool.* 57(1):85-98. Jan./Feb. 1984. WR 193
[Dep. Zool., Univ. Manitoba, Winnipeg, Manitoba, Canada R3T 2N2]

84-003754 Muller-Schwarze, D.; S. Heckman and B. Stagge. BEHAVIOR OF FREE-RANGING BEAVER (*CASTOR CANADENSIS*) AT SCENT MARKS. *Acta Zool. Fenn.* No. 174. p. 111-113. 1983. WR 193
[State Univ. N.Y., Coll. Environ. Sci. & For., Syracuse 13210]

84-003755 Pankakoski, Erkki. MORPHOLOGICAL VARIATION AND POPULATION STRUCTURE OF FINNISH MUSKRATS, *ONDATRA ZIBETHICA* (L.). *Ann. Zool. Fenn.* 20(3):207-222. 1983. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-003756 Patenaude, F. CARE OF THE YOUNG IN A FAMILY OF WILD BEAVERS, *CASTOR CANADENSIS*. *Acta Zool. Fenn.* No. 174. p. 121-122. 1983. WR 193
[Dép. Biol., Univ. Laval, Québec, Québec, Canada G1K 7P4]

84-003757 Payne, Neil F. MORTALITY RATES OF BEAVER IN NEWFOUNDLAND. *J. Wildl. Manage.* 48(1):117-126. Jan. 1984. WR 193
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] *Castor canadensis* in Canada.

84-003758 Richard, P. B. MECHANISMS AND ADAPTATION IN THE CONSTRUCTIVE BEHAVIOUR OF THE BEAVER (*C. FIBER* L.). *Acta Zool. Fenn.* No. 174. p. 105-108. 1983. WR 193
[Lab. CNRS, Mouli 09200 Saint-Girons, France]

84-003759 Taylor, K. P. FACTORS INFLUENCING BEAVER MANAGEMENT IN RURAL ALASKA - NORTHERN BRISTOL BAY. *Acta Zool. Fenn.* No. 174. p. 127-128. 1983. WR 193
[Dep. Fish & Game, P.O. Box 199, Dillingham, AK 99576] *Castor canadensis*.

84-003760 Zurowski, Wirgiliusz. RECONSITITUTION DE LA POPULATION DE CASTORS EUROPÉENS (*CASTOR FIBER* L.) EN POLOGNE. [RESTORATION OF THE POPULATION OF EUROPEAN BEAVER (*CASTOR FIBER* L.) IN POLAND.] *Carnets Zool.* 43(4):59-62. 1983. In French. WR 193
[Inst. Genet. & Elevage Anim., Acad. Polish Sci., Stn. Exp. Popielno, 12-222 Wejsuny, Poland]

RATS AND MICE

84-003761 Bekele, Afework. THE COMPARATIVE FUNCTIONAL MORPHOLOGY OF SOME HEAD MUSCLES OF THE RODENTS *TACHYORYCTES SPLENDENS* AND *RATTUS RATTUS*. II. CERVICAL MUSCLES. *Mammalia* 47(4):549-572. 1983. In English with French summ. WR 193
[Biol. Dep., Addis Abeba Univ., P.O. Box 1176, Addis Abeba, Ethiopia]

RATTUS AND MUS

84-003762 Irby, D. C.; J. B. Kerr; G. P. Risbridger and D. M. de Kretser. SEASONALLY AND EXPERIMENTALLY INDUCED CHANGES IN TESTICULAR FUNCTION OF THE AUSTRALIAN BUSH RAT (*RATTUS FUSCIPES*). *J. Reprod. Fert.* 70(2):657-666. Mar. 1984. WR 193
[Dep. Anat., Monash Univ., Clayton, Victoria 3168, Australia]

84-003763 Leamy, Larry and William R. Atchley. MORPHOMETRIC INTEGRATION IN THE RAT (*RATTUS* SP.) SCAPULA. *J. Zool. (Lond.)* 202(1):43-56. Jan. 1984. WR 193
[Dep. Biol., Calif. State Univ., Long Beach 90840]

84-003764 Vadász, Csaba; Gyorgy Kobor and Abel Lajtha. GENETIC DISSECTION OF A MAMMALIAN BEHAVIOUR PATTERN. *Anim. Behav.* 31(4):1029-1036. Nov. 1983. WR 193
[Dep. Behav. Genet., Lorand Eotvos Univ., Budapest, Hungary] *Mus musculus*.

OTHER RODENTS

84-003765 Amirat, Zaina and Roger Brudieux. SEASONAL CHANGES IN THE METABOLIC CLEARANCE RATE OF CORTISOL IN THE ADULT MALE SAND RAT (*PSAMMOMYS OBESUS*). *Gen. Comp. Endocrinol.* 53(2):232-234. Feb. 1984. WR 193
[Lab. Endocrinol. & Ecophysiol. Anim., B.P. 119, rue Danton, Alger, Algeria]

84-003766 Anosa, V. O. and J. J. Kaneko. PATHOGENESIS OF *TRYPANOSOMA BRUCEI* INFECTION IN DEER MICE (*PEROMYSCUS MANICULATUS*). LIGHT AND ELECTRON MICROSCOPIC STUDY OF TESTICULAR LESIONS. *Vet. Pathol.* 21(2):238-246. Mar. 1984. WR 193
[Dep. Clin. Pathol., School Vet. Med., Univ. Calif., Davis 95616]

84-003767 Anosa, V. O. and J. J. Kaneko. PATHOGENESIS OF *TRYPANOSOMA BRUCEI* INFECTION IN DEER MICE (*PEROMYSCUS MANICULATUS*). ULTRASTRUCTURAL PATHOLOGY OF THE SPLEEN, LIVER, HEART, AND KIDNEY. *Vet. Pathol.* 21(2):229-237. Mar. 1984. WR 193
[Dep. Clin. Pathol., School Vet. Med., Univ. Calif., Davis 95616]

84-003768 Apfelbaum, Liliana I. and Antonio Blanco. GENETIC SIMILARITY BETWEEN SPECIES OF *AKODON* (RODENTIA, CRICETIDAE). *J. Exp. Zool.* 229(1):1-5. Jan. 1984. WR 193
[Blanco: Fac. Cienc. Med., Casilla Correo 35, Suc. 16, 5016, Córdoba, Argentina]

84-003769 Babero, Bert B. and Pedro E. Cattan. *CATENOTAENIA NEOTOMAE* SP. N. (CESTODA: DILEPIDAE) PARÁSITO DE *NEOTOMA LEPIDA* (RODENTIA: CRICETIDAE) EN NEVADA, U.S.A. [*CATENOTAENIA NEOTOMAE* SP. N.

OTHER RODENTS (CONTINUED)

84-003769 CONTINUED FROM A DESERT WOOD RAT (*NEOTOMA LEPIDA*) IN NEVADA, U.S.A.] *Bol. Chil. Parasitol.* 38(1/2):12-16. Jan.-June 1983. In Spanish with English summ. WR 193
[Dep. Biol. Sci., Univ. Nev., Las Vegas]

84-003770 Banzal, J. PRESENCIA DE *MICROMYS MINUTUS* (MAMMALIA, RODENTIA) EN LAS MONTAÑAS DEL NORTE DE BURGOS. [THE PRESENCE OF *MICROMYS MINUTUS* (MAMMALIA, RODENTIA) IN THE MOUNTAINS OF NORTHERN BURGOS.] *Bol. Estac. Cent. Ecol.* 12(23):83-87. 1983. In Spanish with English summ. WR 193
[Cátedra Vertebr., Fac. Biol., Univ. Complutense, Madrid-3, Spain]

84-003771 Barquez, Rubén M. LA DISTRIBUCION DE *NEOTOMYS EBRIOSUS* THOMAS EN LA ARGENTINA Y SU PRESENCIA EN LA PROVINCIA DE SAN JUAN (MAMMALIA, RODENTIA, CRICETIDAE). [THE DISTRIBUTION OF *NEOTOMYS EBRIOSUS* THOMAS IN ARGENTINA AND ITS PRESENCE IN THE PROVINCE OF SAN JUAN (MAMMALIA, RODENTIA, CRICETIDAE).] *Hist. Nat. (Mendoza)* 3(22):189-191. 1983. In Spanish with English summ. WR 193
[Padre Roque 50, 4000 San Miguel de Tucumán, Argentina]

84-003772 Barry, Ronald E., Jr.; Marina A. Botje and Laura B. Grantham. VERTICAL STRATIFICATION OF *PEROMYSCUS LEUCOPUS* AND *P. MANICULATUS* IN SOUTHWESTERN VIRGINIA. *J. Mammal.* 65(1):145-148. 28 Feb. 1984. WR 193
[Cent. Environ. Sci., Unity Coll., Unity, ME 04988]

84-003773 Beare, Stephen. DIVERSITY AND HABITAT PREFERENCE OF SMALL MAMMALS IN SOUTHERN YUKON. *Proc. Alaska Sci. Conf.* 34:68. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada] *Clethrionomys rutilus* and *Microtus pennsylvanicus*.

84-003774 Benazzou, Touria. LE CARYOTYPE D'*ACOMYS CHUDEAUI* CAPTURÉ DANS LA RÉGION DE TATA (MAROC). [THE CARYOTYPE OF *ACOMYS CHUDEAUI* FROM THE TATA AREA (MOROCCO).] *Mammalia* 47(4):588. 1983. In French. WR 193
[Univ. Mohammed V, Fac. Sci., Dep. Biol., Rabat, Morocco]

84-003775 Butynski, T. M. NOCTURNAL ECOLOGY OF THE SPRINGHARE, *PEDETES CAPENSIS*, IN BOTSWANA. *Afr. J. Ecol.* 22(1):7-22. Mar. 1984. In English with French summ. WR 193
[Kibale For. Project, P.O. Box 409, Fort Portal, Uganda]

84-003776 Case, Ronald M. and Robert M. Timm. ECONOMIC MODEL OF POCKET GOPHER CONTROL. *Proc. Great Plains Wildl. Damage Control Workshop* 6:53-56. 12 Dec. 1983. WR 193
[Dep. For. Fish. & Wildl., Univ. Nebr., Lincoln 68583-0819] *Geomys bursarius majusculus*.

84-003777 Chaouacha-Chekir, R. Ben; F. Lachiver and T. Cheniti. DONNÉES PRÉLIMINAIRES SUR LE TAUX DE RENOUVELLEMENT D'EAU CHEZ UN GERBILLIDÉ DÉSERTIQUE, *PSAMMOMYS OBESUS*, ÉTUDIÉ DANS SON

OTHER RODENTS (CONTINUED)

84-003777 CONTINUED ENVIRONNEMENT NATUREL EN TUNISIE. [PRELIMINARY DATA ON THE METABOLIC WATER TURNOVER IN A DESERTIC RODENT, *PSAMMOMYS OBESUS*, STUDIED IN NATURAL ENVIRONMENT IN TUNISIA.] *Mammalia* 47(4):543-547. 1983. In French with English summ. WR 193
[Lab. Ecophysiol. Comp. Vertebr., E.P.H.E., Paris, France]

84-003778 Charlton, H. M.; S. A. Chiappa; G. Fink; C. A. Grocock and E. Versi. HYPOTHALAMIC GONADOTROPIN-RELEASING HORMONE AND PITUITARY LUTENIZING HORMONE CONTENTS IN THE MALE VOLE (*MICROTUS AGRESTIS*) IN THE FIELD DURING THE BREEDING AND NONBREEDING SEASONS. *Can. J. Zool.* 61(11):2405-2410. Nov. 1983. In English with French summ. WR 193
[Dep. Human Anat., S. Parks Rd., Oxford OX1 3QX, England]

84-003779 Chartier, A. UTILISATION DES NIDS DE CISTICOLE PAR LE RAT DES MOISSONS. [HARVEST MICE USING FAN-TAILED WARBLERS' NESTS.] *Alauda* 52(1):67-69. In French. WR 193
[Esquay/Seulles, 14400 Bayeux, France] *Micromys minutus* in France.

84-003780 Contreras, Julio Rafael and Licia M. Berry. NOTAS ACERCA DE LOS ROEDORES DEL GENERO *OLIGORYZOMYS* DE LA PROVINCIA DEL CHACO, REPUBLICA ARGENTINA (RODENTIA, CRICETIDAE). [NOTES ON RODENTS OF THE GENUS *OLIGORYZOMYS* IN THE PROVINCE OF CHACO, ARGENTINA (RODENTIA, CRICETIDAE).] *Hist. Nat. (Mendoza)* 3(15):145-148. 1983. In Spanish with English summ. WR 193
[CONICET, CECOAL, Casilla de Correo 291, 3400 Corrientes, Argentina] *O. flavescens*, *O. nigripes*, *O. fornesi*, and *O. chacoensis*.

84-003781 Coutney, Mark William. EFFECTS OF REDUCED INTERSPECIFIC INTERACTIONS ON POPULATION DYNAMICS IN MERRIAM'S KANGAROO RAT, *DIPODOMYS MERRIAMI*. *Ph.D. dissertation, Univ. Ariz.* 84p. 1983. From Diss. Abstr. B Sci. Eng. 44(6):1705. Dec. 1983. WR 193

84-003782 Crouch, G. L. and L. R. Frank. POISONING AND TRAPPING POCKET GOPHERS TO PROTECT CONIFERS IN NORTHEASTERN OREGON. *U.S. For. Serv. Res. Pap.* PNW-261. 16p. Oct. 1979. From U.S. Government Reports 84(6):7. 16 Mar. 1984. Available from NTIS as PB84-134824. WR 193
Thomomys spp.

84-003783 Crowell, Kenneth L. ISLANDS--INSIGHT OR ARTIFACT?: POPULATION DYNAMICS AND HABITAT UTILIZATION IN INSULAR RODENTS. *Oikos* 41(3):442-454. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol., St. Lawrence Univ., Canton, NY 13617]

84-003784 Da Graça Ramalhinho, Maria and Maria Da Luz Madureira. CONTRIBUTION TO THE KNOWLEDGE OF *APODEMUS* KAUP IN PORTUGAL (MAMMALIA, RODENTIA). *Arq. Mus. Bocage Ser. A* 1(18):415-433. 1982. In English. WR 193
[Mus. & Lab. Zool., Fac. Cienc. Rua Escola Politécnica, 1200 Lisbon, Portugal]

84-003785 Da Luz Madureira, Maria. ON THE CLASSIFICATION OF IBERIAN *PITYMYS* OF *DUODECIMCOSTATUS* GROUP (MAMMALIA: RODENTIA). *Arq. Mus. Bocage Ser. A* 1(21):467-483. 1982. In English. WR 193
[Cent. Fauna Portuguesa, Fac. Cienc., Mus. Bocage, R. Escola Politécnica, 1200 Lisbon, Portugal]

84-003786 de la Cruz, Jorge. NUEVA ESPECIE DE *ORNITHONYSSUS* (ACARINA: DERMANYSSIDAE, MACRONYSSINAE) PARÁSITO DE JUTÍAS (RODENTIA: CAPROMYIDAE) DE CUBA. [NEW SPECIES OF *ORNITHONYSSUS* (ACARINA: DERMANYSSIDAE, MACRONYSSINAE) PARASITE OF JUTIAS (RODENTIA: CAPROMYIDAE) OF CUBA.] *Poeyana Inst. Zool. Acad. Cienc. Cuba* No. 256. 10p. 29 Dec. 1983. In Spanish with English summ. WR 193
[Inst. Zool., Acad. Cienc., Havana, Cuba] *Capromys* sp.

84-003787 Drickamer, Lee C. and James Stuart. *PEROMYSCUS*: SNOW TRACKING AND POSSIBLE CUES USED FOR NAVIGATION. *Am. Midl. Nat.* 111(1):202-204. Jan. 1984. WR 193
[Biol. Dep., Williams Coll., Williamston, MA 01267] *Peromyscus leucopus noveboracensis* and *P. maniculatus gracilis* in Massachusetts.

84-003788 Dubey, J. P. *SARCOCYSTIS PEROMYSCI* N. SP. AND *S. IDAHOENSIS* IN DEER MOUSE (*PEROMYSCUS MANICULATUS*) IN MONTANA. *Can. J. Zool.* 61(5):1180-1182. May 1983. In English with French summ. WR 193
[Anim. Parasitol. Inst., Beltsville Agric. Res. Cent., Beltsville, MD 20705]

84-003789 Eriksson, Margareta and Erik Nyholm. ULTRASTRUCTURAL FEATURES OF OVARIAN INTERSTITIAL TISSUE IN A WILD MOUSE, *APODEMUS FLAVICOLLIS*, AT VARIOUS REPRODUCTIVE STAGES, WITH A NOTE ON ITS HISTOCHEMISTRY AT THE ONSET OF THE BREEDING PERIOD. *Can. J. Zool.* 61(7):1560-1567. July 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Lund, S-223 62 Lund, Sweden]

84-003790 Fain, A. and G. T. Baker. *TRICHOPSYLLOPUS OREGONENSIS* G.N., SP. N. (ACARI, ACARIDAE), A NEW HYPOPUS PHORETIC ON A FLEA *TRICHOPSYLLOIDES OREGONENSIS*, PARASITIC ON THE RODENT *APLODONTIA RUFA* IN THE UNITED STATES. *Can. J. Zool.* 61(4):928-929. Apr. 1983. In English with French summ. WR 193
[Inst. Med. Trop., 155 rue Nationale, Anvers, Belgium]

84-003791 Feldhamer, George A.; J. Edward Gates and James H. Howard. FIELD IDENTIFICATION OF *PEROMYSCUS MANICULATUS* AND *P. LEUCOPUS* IN MARYLAND: RELIABILITY OF MORPHOLOGICAL CHARACTERISTICS. *Acta Theriol.* 28(27):417-423. Nov. 1983. In English with Polish summ. WR 193
[Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg State Coll., Frostburg 21532]

84-003792 Ford, R. Glenn and Frank A. Pitelka. RESOURCE LIMITATION IN POPULATIONS OF THE CALIFORNIA VOLE. *Ecology* 65(1):122-136. Feb. 1984. WR 193
[Dep. Biol., Univ. Calif. San Diego, La Jolla 92093] *Microtus californicus* in California.

OTHER RODENTS (CONTINUED)

84-003793 Gardner, Alfred L. and Louise H. Emmons. SPECIES GROUPS IN *PROECHIMYS* (RODENTIA, ECHIMYIDAE) AS INDICATED BY KARYOLOGY AND BULLAR MORPHOLOGY. *J. Mammal.* 65(1):10-25. 28 Feb. 1984. WR 193
[Div. Mammals, Natl. Mus. Nat. Hist., Washington, DC 20560]

84-003794 Gettinger, Ronald D. A FIELD STUDY OF ACTIVITY PATTERNS OF *THOMOMYS BOTTAE*. *J. Mammal.* 65(1):76-84. 28 Feb. 1984. WR 193
[Biol. Dep., Univ. Ala., Birmingham 35294]

84-003795 Gileva, É. A.; V. N. Bol'shakov; O. F. Sadykov and T. I. Omariev. CHROMOSOMAL VARIABILITY AND ABERRANT SEX RATIO IN TWO URAL POPULATIONS OF WOOD LEMMING, *MYOPUS SCHISTICOLOR* LILLJEBORG, 1884. *Dokl. Acad. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 270(1-6):255-259. Nov. 1983. Translated from Dokl. Akad. Nauk SSSR 270(2):453-456. May 1983. WR 193
[Inst. Plant & Anim. Ecol., Ural Sci. Cent., Acad. Sci., Sverdlovsk, USSR]

84-003796 Gileva, E. A.; I. A. Kuznetsova and M. I. Cheprakov. [CHROMOSOME SETS AND TAXONOMY OF TRUE LEMMINGS OF THE GENUS *LEMMUS*.] *Zool. Zh.* 63(1):105-114. Jan. 1984. In Russian with English summ. WR 193
[Inst. Plant & Anim. Ecol., Ural Sci. Cent., USSR Acad. Sci., Sverdlovsk, USSR] Data for 4 spp.

84-003797 Glass, John David. MALATONIN: SITE OF ACTION IN THE BRAIN OF A PHOTOPERIODIC SPECIES, THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS*. *Ph.D. dissertation, Wesleyan Univ.* 180p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1730. Dec. 1983. WR 193

84-003798 Gouat, Patrick and Janine Gouat. L'HABITAT DU GOUNDI (*CTENODACTYLUS GUNDI*) DANS LE MASSIF DE L'AURÈS (ALGÉRIE). [THE HABITAT OF THE GUNDI *CTENODACTYLUS GUNDI*) IN AURÈS MOUNTAINS (ALGERIA).] *Mammalia* $&(4):507-518. 1983. In French with English summ. WR 193
[Lab. Ethol. Exp., 86 rue Pasteur, 69007 Lyon, France]

84-003799 Gourley, Robert Steven. DEMOGRAPHY OF *MICROTUS PINETORUM*. *Ph.D. dissertation, Cornell Univ.* 155p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1706. Dec. 1983. WR 193

84-003800 Harris, John Harwood. DIET, HABITAT, AND COMMUNITY RELATIONSHIPS OF THE DARK KANGAROO MOUSE (*MICRODIPODOPS MEGACEPHALUS*). *Ph.D. dissertation, Univ. Calif. (Davis)* 91p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1707. Dec. 1983. WR 193

84-003801 Hestbeck, Jay Brian. POPULATION REGULATION OF THE CALIFORNIA VOLE, *MICROTUS CALIFORNICUS*. *Ph.D. dissertation, Univ. Calif. (Davis)* 176p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2057. Jan. 1984. WR 193

84-003802 Hurrell, Elaine and Gillian McIntosh. MAMMAL SOCIETY DORMOUSE SURVEY, JANUARY 1975-APRIL 1979. *Mammal Rev.* 14(1):1-18. Mar. 1984. WR 193

OTHER RODENTS (CONTINUED)

84-003802 CONTINUED
['Moorgate', S. Brent, Devon & 9 Chapel Meadow, Buckland Monachorum, Devon, England] *Muscardinus avellanarius* in Great Britain.

84-003803 James, Anthony H.; James P. O'Brien and David K. James. *DIPODOMYS CALIFORNICUS* IN SIERRA VALLEY, PLUMAS COUNTY, CALIFORNIA. *Calif. Fish Game* 70(1):58-64. Jan. 1984. WR 193
[Inst. Taxon., Zoöl. Mus., Postbus 20125, 1000 HC Amsterdam, Netherlands]

84-003804 Jones, Gwilym Strong. THE SYSTEMATICS AND BIOLOGY OF THE GENUS *ZAPUS* (MAMMALIA, RODENTIA, ZAPODIDAE). *Ph.D. dissertation, Indiana State Univ.* 588p. 1981. From Diss. Abstr. Int. B Sci. Eng. 44(6):1745. Dec. 1983. WR 193

84-003805 Jumari, Saroj and Ishwar Prakash. THE MID-VENTRAL GLAND OF THE INDIAN GERBIL, *TATERA INDICA* AND SOFT-FURRED FIELD RAT, *RATTUS MELTADA*. *Acta Theriol.* 28(28):425-434. Nov. 1983. In English with Polish summ. WR 193
[Central Arid Zone Res. Inst., Jodhpur-342 003, India]

84-003806 Keller, Albert. NOTE SUR LA STRUCTURE FINE DES POILS DU RAT DE CUMING, *PHLOEOMYS CUMINGI* WATERHOUSE (MAMMALIA: RODENTIA). [NOTE ON THE HAIR STRUCTURE OF THE CUMING'S RAT, *PHLOEOMYS CUMINGI* WATERHOUSE, 1839 (MAMMALIA: RODENTIA).] *Rev. Suisse Zool.* 90(4):951-957. Dec. 1983. WR 193
[Mus. Hist. Nat., case postale 434, CH-1211, Geneva 6, Switzerland]

84-003807 Kincaid, W. Bradley; Guy N. Cameron and Bruce A. Carnes. PATTERNS OF HABITAT UTILIZATION IN SYMPATRIC RODENTS ON THE TEXAS COASTAL PRAIRIE. *Ecology* 64(6):1471-1480. Dec. 1983. WR 193
[Dep. Bot. & Microbiol., Ariz. State Univ., Tempe 85281] *Sigmodon hispidus*, *Reithrodontomys fulvescens*, and *Oryzomys palustris*.

84-003808 King, John A. SEASONAL DISPERSAL IN A SEMINATURAL POPULATION OF *PEROMYSCUS MANICULATUS*. *Can. J. Zool.* 61(12):2740-2750. Dec. 1983. In English with French summ. WR 193
[Dep. Zool., Mich. State Univ., East Lansing 48824]

84-003809 Kivanç, E. DIE HASELMAUS, *MUSCARDINUS AVELLANARIUS* L., IN DER TÜRKEI. [THE HAZEL DORMOUSE, *MUSCARDINUS AVELLANARIUS* L., IN TURKEY.] *Bonn. Zool. Beitr.* 34(4):419-428. Dec. 1983. In German with English summ. WR 193
[A. U. Fen Fak. Biyol. Bölümü, Besevler, Ankara, Turkey]

84-003810 Koh, H. S. and R. L. Peterson. SYSTEMATIC STUDIES OF DEER MICE, *PEROMYSCUS MANICULATUS* WAGNER (CRICETIDAE, RODENTIA): ANALYSIS OF AGE AND SECONDARY SEXUAL VARIATION IN MORPHOMETRIC CHARACTERS. *Can.*

OTHER RODENTS (CONTINUED)

84-003810 CONTINUED *J. Zool.* 61(11):2618-2628. Nov. 1983. In English with French summ. WR 193
[Peterson: Dep. Mammal., Royal Ontario Mus., Toronto, Ontario, Canada M5S 2C6]

84-003811 Koval'chuk, E. S. DYNAMICS OF INFESTATION OF THE WATER VOLE (*ARVICOLA TERRESTRIS* L.) WITH HELMINTHS DURING POPULATION FLUCTUATIONS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 14(3):179-183. Jan. 1984. Translated from Ekologiya No. 3. p. 65-71. May-June 1983. WR 193

84-003812 Lightbody, Jill P. and John S. Millar. MORPHOLOGICAL VARIATION WITHIN POPULATIONS OF *PEROMYSCUS MANICULATUS* FROM DIFFERENT GEOGRAPHIC AREAS. *Can. J. Zool.* 61(4):934-936. Apr. 1983. In English with French summ. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-003813 Lindroth, Richard L.; George O. Batzli and Glenn R. Guntenspergen. ARTIFICIAL DIETS FOR USE IN NUTRITIONAL STUDIES WITH MICROTINE RODENTS. *J. Mammal.* 65(1):139-143. 28 Feb. 1984. WR 193
[Ecol. Program & Dep. Ecol., Ethol., & Evol., Univ. Ill., 515 Morrill Hall, 505 S. Goodwin Ave., Urbana 61801] *Lemmus sibiricus*, *Microtus ochrogaster*, and *M. oeconomus*.

84-003814 Lindroth, Richard L. and George O. Batzli. PLANT PHENOLICS AS CHEMICAL DEFENSES: EFFECTS OF NATURAL PHENOLICS ON SURVIVAL AND GROWTH OF PRAIRIE VOLES *(MICROTUS OCHROGASTER)*. *J. Chem. Ecol.* 10(2):229-244. Feb. 1984. WR 193
[Ecol. Program & Dep. Ecol., Ethol. & Evol., Univ. Ill., 505 S. Goodwin Ave., Urbana 61810]

84-003815 Merani, María Susana; O. Vercellini; Ana María Acuña; C. Horgan and E. R. S. Roldan. GROWTH AND REPRODUCTION OF TWO SPECIES OF *AKODON* AND THEIR HYBRIDS. *J. Exp. Zool.* 228(3):527-535. Dec. 1983. WR 193
[Cátedra Microbiol., Parasitol. & Immunol., Fac. Med., Univ. Buenos Aires, Paraguay 2155, piso 11, 1121-Buenos Aires, Argentina] *A. molinae* and *A. dolores*.

84-003816 Mertens, L. A. J. M.; F. S. Lukoschus and W. B. Nutting. *DEMODEX HUTTERERI* SPEC. NOV. (ACARINA: PROSTIGMATA: DEMODICIDAE) FROM THE MEIBOMIAN GLANDS OF *APODEMUS AGRARIUS* (RODENTIA: MURIDAE). *Bonn. Zool. Beitr.* 34(4):489-498. Dec. 1983. In English with German summ. WR 193
[Dep. Aquat. Ecol., Catholic Univ. Nijmegen, Toernooiveld, 6515 ED Nijmegen, Netherlands]

84-003817 Milin, V. M. [THE PREDICTION OF NUMBERS OF *RHOMBOMYS OPIMUS* (RODENTIA, CRICETIDAE) IN THE EASTERN PART OF THE ARAL KARAKUMY.] *Zool. Zh.* 63(1):115-119. Jan. 1984. In Russian with English summ. WR 193

84-003818 Mohlias, Connie. INFORMACION PRELIMINAR SOBRE LA CONSERVACION Y MANEJO DE LA CHINCHILLA SILVESTRE EN CHILE. [PRELIMINARY INFORMATION ON THE CONSERVATION AND MANAGEMENT OF *CHINCHILLA LANIGER* IN

OTHER RODENTS (CONTINUED)

84-003818 CONTINUED CHILE.] *Bol. Tec. Corp. Nac. For. Chile* No. 3. iii + 41p. May 1983. In Spanish with English summ. WR 193

84-003819 Morris, Douglas W. FIELD TESTS OF COMPETITIVE INTERFERENCE FOR SPACE AMONG TEMPERATE-ZONE RODENTS. *Can. J. Zool.* 61(7):1517-1523. July 1983. In English with French summ. WR 193
[Dep. Biol., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada A1B 3X9] *Peromyscus maniculatus, Clethrionomys gapperi, P. leucopus* and *Microtus pennsylvanicus*.

84-003820 Pearson, Oliver P. TAXONOMY AND NATURAL HISTORY OF SOME FOSSORIAL RODENTS OF PATAGONIA, SOUTHERN ARGENTINA. *J. Zool. (Lond.)* 202(2):225-237. Feb. 1984. WR 193
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720] Data for 6 spp. and *Aconaemys sagei* n. sp.

84-003821 Petrusewicz, Kazimierz, editor. ECOLOGY OF THE BANK VOLE. *Acta Theriol.* 28(Suppl. 1). 242p. Dec. 1983. WR 193
Collection of papers by various authors on *Clethrionomys glareolus*.

84-003822 Phillipson, John; M. Sarrazin-Comans and C. Stomatopoulos. FOOD CONSUMPTION BY *MICROTUS AGRESTIS* AND THE UNSUITABILITY OF FAECAL ANALYSIS FOR THE DETERMINATION OF FOOD PREFERENCE. *Acta Theriol.* 28(26):397-416. Nov. 1983. In English with Polish summ. WR 193
[Anim. Ecol. Res. Group, Zool. Dep., Oxford Univ., S. Parks Rd., Oxford OX1 3PS, England]

84-003823 Porter, Richard H.; John A. Matochik and Jennifer W. Makin. EVIDENCE FOR PHENOTYPE MATCHING IN SPINY MICE (*ACOMYS CAHIRINUS*). *Anim. Behav.* 31(4):978-984. Nov. 1983. WR 193
[John F. Kennedy Res. Cent., George Peabody Coll., Vanderbilt Univ., Nashville, TN 37203]

84-003824 Powell, Diane; Cynthia Small and Carole DeMort. SEASONAL POPULATION VARIATIONS IN *SIGMODON HISPIDUS* IN A NORTHEAST FLORIDA FLATWOOD. *Fla. Sci.* 47(Suppl. 1):21. 1984. Abstract only. WR 193
[Dep. Nat. Sci., Univ. Fla., Jacksonville 32216]

84-003825 Reich, Lawrence M. and Robert H. Tamarin. MULTIPLE CAPTURE TRAP ASSOCIATIONS OF MEADOW VOLES *(MICROTUS PENNSYLVANICUS)*. *J. Mammal.* 65(1):85-90. 28 Feb. 1984. WR 193
[George S. Wise Fac. Life Sci., Tel Aviv Univ., Ramat Aviv, Tel Aviv 69978, Israel]

84-003826 Rhodes, Donald H., Jr. PHYSIOLOGICAL ECOLOGY OF THE PINE VOLE, *MICROTUS PINETORUM*. *Ph.D. dissertation, Cornell Univ.* 92p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1736. Dec. 1983. WR 193

OTHER RODENTS (CONTINUED)

84-003827 Richards, C. G. J.; A. C. White; E. Hurrell and F. E. F. Price. THE FOOD OF THE COMMON DORMOUSE, *MUSCARDINUS AVELLANARIUS*, IN SOUTH DEVON. *Mammal Rev.* 14(1):19-28. Mar. 1984. WR 193
[Anim. Ecol. Res. Group, Dep. Zool., S. Parks Rd., Oxford 7PS, England]

84-003828 Rosi, María I. NOTAS SOBRE LA ECOLOGIA, DISTRIBUCION Y SISTEMATICA DE *GRAOMYS GRISEOFLAVUS GRISEOFLAVUS* (WATERHOUSE, 1837) (RODENTIA, CRICETIDAE) EN LA PROVINCIA DE MENDOZA. [NOTES ON THE ECOLOGY, DISTRIBUTION AND SYSTEMATICS OF *GRAOMYS GRISEOFLAVUS GRISEOFLAVUS* IN THE PROVINCE OF MENDOZA, ARGENTINA.] *Hist. Nat. (Mendoza)* 3(17):161-167. 1983. In Spanish with English summ. WR 193
[CONICET, Inst. Argentino Invest. Zonas Aridas, Casilla de Correo 507, 5500 Mendoza, Argentina]

84-003829 Rousseau, Muriel. ETUDE DES *ARVICANTHIS* DU MUSÉUM DE PARIS PAR ANALYSES FACTORIELLES (RONGEURS, MURIDÉS). [FACTORIAL ANALYSIS OF THE *ARVICANTHIS* IN THE COLLECTION OF THE PARIS MUSEUM (RODENTIA, MURIDAE).] *Mammalia* 47(4):525-542. 1983. In French with English summ. WR 193
[M.N.H.N., Lab. Zool., 55 rue de Buffon, 75005 Paris, France]

84-003830 Schröpfer, R. DIE WASSERSPITZMAUS (*NEOMYS FODIENS* PENNANT, 1771) ALS BIOTOPGÜTEANZEIGER FÜR UFERHABITATE AN FLIEßGEWÄSSERN. [THE WATER SHREW (*NEOMYS FODIENS*) AS AN INDICATOR OF THE BIOTOP QUALITY OF STREAM-BANKS.] *Verh. Dtsch. Zool. Ges.* 76:137-141. 1983. In German with English summ. WR 193
[Fachberiech Biol./Chem. Univ., Seminarstr. 20, D-4500 Osnabrück, West Germany]

84-003831 Scott, Grace Workman and Kenneth C. Fisher. STERILITY OF HYBRIDS OF TWO SUBSPECIES OF THE VARYING LEMMING *DICROSTONYX GROENLANDICUS* BRED IN CAPTIVITY. *Can. J. Zool.* 61(5):1182-1183. May 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1] *D. g. richardsoni* and *D. g. groenlandicus*.

84-003832 Seguignes, Michel. APPROCHE DES FACTEURS BIOCLIMATIQUES QUI RÉGISSENT LA DISTRIBUTION DE *CTENODACTYLUS GUNDI* (RODENTIA, CTENODACTYLIDAE) EN TUNISIE. [APPROACH OF BIOCLIMATIC FACTORS CONTROLLING THE DISTRIBUTION OF *CTENODACTYLUS GUNDI* (RODENTIA, CTENODACTYLIDAE) IN TUNISIA.] *Mammalia* 47(4):493-506. 1983. In French with English summ. WR 193
[E.N.S., Casablanca, Morocco]

84-003833 Senzota, R. B. M. THE PLAINS GERBIL. *Mammalia* 47(4):583-585. 1983. In English. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843] *Tatera robusta* in Tanzania.

84-003834 Sherwood, Steven William. SUPERNUMERARY CHROMOSOMES IN *PEROGNATHUS BAILEYI* (RODENTIA: HETEROMYIDAE): MOLECULAR AND POPULATION CYTOGENETICS OF A MAMMALIAN B-CHROMOSOME SYSTEM. *Ph.D. dissertation, Univ. Calif. (Berkeley)* 205p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2358. Feb. 1984. WR 193

OTHER RODENTS (CONTINUED)

84-003835 Sludskiy, A. A. [DISTRIBUTION, INTRAPOPULATION ORGANIZATION AND MOBILITY OF THE CARRUTHER'S VOLE *MICROTUS CARRUTHERSI* (RODENTIA, CRICETIDAE) WITH SPECIAL REFERENCE TO THE PLAGUE EPIZOOTIA IN TADJIKISTAN.] *Zool. Zh.* 62(12):1868-1878. Dec. 1983. In Russian with English summ. WR 193
[Middle Asian Anti-Plague Inst., Alma-Ata, USSR]

84-003836 Snell, Richard R. and Kimberly M. Cunnison. RELATION OF GEOGRAPHIC VARIATION IN THE SKULL OF *MICROTUS PENNSYLVANICUS* TO CLIMATE. *Can. J. Zool.* 61(6):1232-1241. June 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1]

84-003837 Sokolov, V. E.; M. A. Serbenyuk and T. M. Galanina. RECOGNITION BY BANK VOLES (*CLETHRIONOMYS GLAREOLUS* SCHREBER, 1780) OF PHASES OF THE FEMALE ESTROUS CYCLE ACCORDING TO ODOR SIGNALS OF EXCRETIONS. *Dokl. Acad. Sci. (Engl. Transl. Dokl. Akad. Nauk SSSR Ser. Biol.)* 270(1-6):342-345. Nov. 1983. Translated Dokl. Akad. Nauk SSSR 270(5):1265-1268. June 1983. WR 193
[A. N. Severtsov Inst. Evol. Morphol. & Anim. Ecol., Acad. Sci., Moscow, USSR]

84-003838 Sullivan, James Kevin. CIRCADIAN REGULATION OF PHOTOPERIODISM IN THE WHITE-FOOTED MOUSE, *PEROMYSCUS LEUCOPUS*: A UNIQUE ROLE FOR THE PINEAL GLAND. *Ph.D. dissertation, Wesleyan Univ.* 161p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1738. Dec. 1983. WR 193

84-003839 Tannenbaum, Michael G. and Edward B. Pivorun. EFFECT OF NALTREXONE ON FOOD INTAKE AND HOARDING IN WHITE-FOOTED MICE (*PEROMYSCUS*). *Pharmacol. Biochem. Behav.* 20(1):35-37. Jan. 1984. WR 193
[Dep. Biol. Sci., 338 Long Hall, Clemson Univ., Clemson, SC 29631] *P. leucopus*.

84-003840 Teipner, Cynthia Lea; Edward O. Garton and Lewis Nelson, Jr. POCKET GOPHERS IN FOREST ECOSYSTEMS. *U.S. For. Serv. Gen. Tech. Rep.* INT-154. ii + 53p. Sept. 1983. WR 193

84-003841 Terman, C. Richard. SEXUAL MATURATION OF MALE AND FEMALE WHITE-FOOTED MICE (*PEROMYSCUS LEUCOPUS NOVEBORACENSIS*): INFLUENCE OF PHYSICAL OR URINE CONTACT WITH ADULTS. *J. Mammal.* 65(1):97-102. 28 Feb. 1984. WR 193
[Lab. Endocrinol. & Popul. Ecol., Biol. Dep., Coll. William & Mary, Williamsburg, VA 23185]

84-003842 van Weers, Désiré J. SPECIFIC DISTINCTION IN OLD WORLD PORCUPINES. *Zool. Gart.* 53(3/5):226-232. 1983. In English with German summ. WR 193
[Inst. Taxon. Zool., Univ. Amsterdam, 36 Plantage Kerklaan, 1018 CZ Amsterdam, Netherlands]

OTHER RODENTS (CONTINUED)

84-003843 Vandorpe, Eric J. C. THE EFFECT OF SOME ENVIRONMENTAL FACTORS ON THE GROWTH OF THE WOOD MOUSE, *APODEMUS SYLVATICUS* (LINNAEUS, 1758) FROM THE NOORDER-KEMPEN (ANTWERPEN-BELGIUM) (VOLUME I AND II) [DUTCH TEXT]. *Ph.D. dissertation, Univ. Inst. Antwerpen (Belgium)* 384p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2643-2644. Mar. 1984. WR 193

84-003844 Vaucher, Claude and Marie-Claude Durette-Desset. *NEOHELIGMONELLA SCHAUENBERGI* N. SP. (NEMATODA: TRICHOSTRONGYLOIDEA), PARASITES DU RAT DE CUMING *PHLOEOMYS CUMINGI* WATERHOUSE. [*NEOHELIGMONELLA SCHAUENBERGI* N. SP. A PARASITIC NEMATODE FROM THE SLENDER-TAILED CLOUD RAT *PHLOEOMYS CUMINGI* WATERHOUSE.] *Rev. Suisse Zool.* 90(4):935-938. Dec. 1983. In French with English summ. WR 193
[Mus. Hist. Nat., case postale 434, CH-1211 Geneva 6, Switzerland]

84-003845 Vesmanis, I. BEMERKUNGEN ZUM TYPUS *MYOXUS MUNBYANUS* POMEL 1856, UND ZUM LECTOTYPUS *BIFA LEROTINA* LATASTE 1885. (MAMMALIA, RODENTIA, GLIRIDAE). [REMARKS ON THE TYPE SPECIMEN OF *MYOXUS MUNBYANUS* POMEL 1856, AND THE LECTOTYPE *BIFA LEROTINA* LATASTE 1885. (MAMMALIA, RODENTIA, GLIRIDAE).] *Misc. Zool. (Barcelona)* 7:226-229. 1983. In German with Spanish and English summ. WR 193
[Rhönstr. 7, D-6497 Steinau 4, West Germany]

84-003846 Weddle, Gordon K. and Jerry R. Choate. DENTAL EVOLUTION OF THE MEADOW VOLE IN MAINLAND, PENINSULAR, AND INSULAR ENVIRONMENTS IN SOUTHERN NEW ENGLAND. *Fort Hays Studies New Ser.* No. 3. 23p. Mar. 1983. WR 193
[Dep. Biol., Campbellsville Coll., Campbellsville, KY 42718] *Microtus pennsylvanicus.*

84-003847 Westerhaus, Michael D. A HISTOLOGICAL COMPARISON OF THE DORSAL AND GENERALIZED HOLOCRINE SKIN GLANDS IN THE KANGAROO RAT, *DIPODOMYS ORDII*. *Ohio J. Sci.* 83(5):253-255. Dec. 1983. WR 193
[Dep. Biol. Sci., Bowling Green State Univ., Bowling Green, OH 43403] *D. o. richardsoni.*

84-003848 Wichman, Holly A. A GENETIC ANALYSIS OF SEASONAL ADAPTATION IN GEOGRAPHIC POPULATIONS OF *PEROMYSCUS LEUCOPUS*. *Ph.D. dissertation, Wesleyan Univ.* 210p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1349. Nov. 1983. WR 193

84-003849 Williams, Lawrence R. and Guy N. Cameron. DEMOGRAPHY OF DISPERSAL IN ATTWATER'S POCKET GOPHER *(GEOMYS ATTWATERI)*. *J. Mammal.* 65(1):67-75. 28 Feb. 1984. WR 193
[Program Evol. Biol., Dep. Biol., Univ. Houston, Houston, TX 77004]

84-003850 Wolk, Elzbieta. ONTOGENTIC CHANGES IN THE HEMOGLOBIN OF THE BANK VOLE. *Acta Theriol.* 28(25):387-396. Nov. 1983. In English with Polish summ. WR 193
[Mammals Res. Inst., Polish Acad. Sci., 17-230 Bialowieza, Poland] *Clethrionomys glareolus.*

OTHER RODENTS (CONTINUED)

84-003851 Yahav, S.; A. Haim and A. Shkolnik. THERMOREGULATION AND ACTIVITY IN *APODEMUS MYSTACINUS* (MAMMALIA: MURIDAE) ON MOUNT CARMEL. *Isr. J. Zool.* 31(3-4):157-158. 1982. WR 193
[Univ. Haifa, Oranim, School Educ. Kibbutz Movement, Qiryat Tiv'on 36910, Israel]

84-003852 Yellon, Steven M. and Bruce D. Goldman. PHOTOPERIOD CONTROL OF REPRODUCTIVE DEVELOPMENT IN THE MALE DJUNGARIAN HAMSTER *(PHODOPUS SUNGORUS)*. *Endocrinology* 114(2):664-670. Feb. 1984. WR 193
[Univ. Mich. Dep. Obstetrics & Gynecol., L1221 Women's Hospital, Ann Arbor 48109]

CARNIVORES--GENERAL

84-003853 Macdonald, David W. THE ECOLOGY OF CARNIVORE SOCIAL BEHAVIOUR. *Nature* 301(5899):379-384. 3 Feb. 1983. WR 193
[Anim. Behav. Res. Group, Dep. Zool., South Parks Rd., Oxford OX1 3PS, England]

84-003854 Rowe-Rowe, D. T. KILLING AND FEEDING METHODS OF SOME CARNIVORES. *Wildl. Manage. Tech. Guides Farmers (South Africa)* No. 4. 4p. Nov. 1983. In English and Afrikaans. WR 193
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa]

CANIDS

84-003855 Andelt, William F. BEHAVIORAL ECOLOGY OF COYOTES: IMPLICATIONS FOR REDUCING PREDATOR-LIVESTOCK CONFLICTS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:79-82. 12 Dec. 1983. WR 193
[Kans. State Univ., 1501 Fulton Terrace, Garden City 67846] *Canis latrans.*

84-003856 Andelt, William F. and Susan H. Andelt. DIET BIAS IN SCAT DEPOSITION-RATE SURVEYS OF COYOTE DENSITY. *Wildl. Soc. Bull.* 12(1):74-77. 1984. WR 193
[Kans. State Univ., 1501 Fulton Terrace, Garden City 67846] *Canis latrans.*

84-003857 Aubry, Keith B. THE RECENT HISTORY AND PRESENT DISTRIBUTION OF THE RED FOX IN WASHINGTON. *Northwest Sci.* 58(1):69-79. Feb. 1984. WR 193
[Coll. For. Resour., AR-10, Univ. Wash., Seattle 98195] *Vulpes vulpes cascadensis.*

84-003858 Ballard, Warren B. and James R. Dau. CHARACTERISTICS OF GRAY WOLF, *CANIS LUPUS*, DEN AND RENDEZVOUS SITES IN SOUTHCENTRAL ALASKA. *Can. Field-Nat.* 97(3):299-302. July-Sept. 1983. WR 193
[Dep. Fish & Game, P.O. Box 47, Glennallen, AK 99588]

CANIDS (CONTINUED)

84-003859 Ballard, Warren B.; Rick Farnell and Robert O. Stephenson. LONG DISTANCE MOVEMENT BY GRAY WOLVES, *CANIS LUPUS*. *Can. Field-Nat.* 97(3):333. July-Sept. 1983. WR 193
[Dep. Fish & Game, P.O. Box 47, Glennallen, AK 99588]

84-003860 Bibikov, D. I.; A. N. Filimonov and A. N. Kudaktin. TERRITORIALITY AND MIGRATION OF THE WOLF IN THE USSR. *Acta Zool. Fenn.* No. 174. p. 267-268. 1983. WR 193
[Inst. Evol. Anim. Morphol. & Ecol., USSR Acad. Sci., 33 Leninski Prospekt, Moscow, USSR] *Canis lupus*.

84-003861 Bibikov, D. I.; N. G. Ovsyannikov and A. N. Filimonov. THE STATUS AND MANAGEMENT OF THE WOLF POPULATION IN THE USSR. *Acta Zool. Fenn.* No. 174. p. 269-271. 1983. WR 193
[Inst. Evol. Anim. Morphol. & Ecol., USSR Acad. Sci., 33 Lininsky Propsekt, Moscow, USSR] *Canis lupus*.

84-003862 Bjärvall, A. SCANDINAVIA'S RESPONSE TO A NATURAL REPOPULATION OF WOLVES. *Acta Zool. Fenn.* No. 174. p. 273-275. 1983. WR 193
[Environ. Prot. Board, Box 1302, S-171 25 Solna, Sweden] *Canis lupus*.

84-003863 Boitani, L. WOLF AND DOG COMPETITION IN ITALY. *Acta Zool. Fenn.* No. 174. p. 259-264. 1983. WR 193
[Inst. Zool., Univ. Rome, Rome, Italy] *Canis lupus* and *C. familiaris* in Italy.

84-003864 Boitani, Luigi and Maria Laura Fabbri. CENSIMENTO DEI CANI IN ITALIA CON PARTICOLARE RIGUARDO AL FENOMENO DE RANDAGISMO. [CENSUS OF CANIDS IN ITALY WITH PARTICULAR REFERENCE TO THE PHENOMENA OF FREE RANGING DOGS.] *Ric. Biol. Selvaggina* No. 73. 50p. 1983. In Italian with French, German, and English summ. WR 193
Canis familiaris.

84-003865 Boitani, Luigi and Maria Laura Fabbri. STRATEGIA NAZIONALE DI CONSERVAZIONE PER IL LUPO (*CANIS LUPUS*). [NATIONAL STRATEGY FOR THE CONSERVATION OF THE WOLF (*CANIS LUPUS*).] *Ric. Biol. Selvaggina* No. 72. 30p. 1983. In Italian with French, German, and English summ. WR 193

84-003866 Carbyn, L. N. MANAGEMENT OF NON-ENDANGERED WOLF POPULATIONS IN CANADA. *Acta Zool. Fenn.* No. 174. p. 239-243. 1983. WR 193
[Canadian Wildl. Serv., 1000, 9942-108 St., Edmonton, Alberta, Canada T5K 2J5] *Canis lupus*.

84-003867 Dekker, Dick. DENNING AND FORAGING HABITS OF RED FOXES, *VULPES VULPES*, AND THEIR INTERACTION WITH COYOTES, *CANIS LATRANS*, IN CENTRAL ALBERTA, 1972-1981. *Can. Field-Nat.* 97(3):303-306. July-Sept. 1983. WR 193
[3819-112A St., Edmonton, Alberta, Canada T6J 1K4]

CANIDS (CONTINUED)

84-003868 Elvestad, Kari; Ulrik V. Henriques and Jens Peter Kroustrup. INSULIN-PRODUCING ISLET CELL TUMOR IN AN ECTOPIC PANCREAS OF A RED FOX (*VULPES VULPES*). *J. Wildl. Dis.* 20(1):70-72. Jan. 1984. WR 193
[Section Wildl. Dis., State Vet. Serum Lab., Copenhagen, Denmark]

84-003869 Fowler, Linda J.; Dale K. Fowler and Julia E. Thomas. DISPERSAL OF AUTUMN OLIVE SEEDS BY FOXES ON COAL SURFACE MINES IN EAST TENNESSEE. *J. Tenn. Acad. Sci.* 57(3/4):83-85. Oct. 1983. WR 193
[TVA, Norris, TN 37828] *Vulpes vulpes* and *Urocyon cinereoargenteus.*

84-003870 Gipson, Philip S. OCCURRENCE AND BEHAVIOR OF WILD DOGS IN NEWLY ESTABLISHED AGRICULTURAL AREAS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:115. 12 Dec. 1983. Abstract only. WR 193
[Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks 99701] *Canis familiaris* in Alaska.

84-003871 Golightly, Richard T., Jr. and Robert D. Ohmart. WATER ECONOMY OF TWO DESERT CANIDS: COYOTE AND KIT FOX. *J. Mammal.* 65(1):51-58. 28 Feb. 1984. WR 193
[Dep. Zool., Ariz. State Univ., Tempe 85287] *Vulpes macrotis* and *Canis latrans.*

84-003872 Green, Jeffrey S.; Michael L. Bruss; James F. Evermann and Pamela K. Bergstrom. SEROLOGIC RESPONSE OF CAPTIVE COYOTES (*CANIS LATRANS* SAY) TO CANINE PARVOVIRUS AND ACCOMPANYING PROFILES OF CANINE CORONAVIRUS TITERS. *J. Wildl. Dis.* 20(1):6-11. Jan. 1984. WR 193
[USDA, Agric. Res. Serv., U.S. Sheep Exp. Stn., Dubois, ID 83423]

84-003873 Green, Jeffrey S. A DECADE OF USDA-ARS PREDATOR RESEARCH, 1972-1982. *Proc. Great Plains Wildl. Damage Control Workshop* 6:63-69. 12 Dec. 1983. WR 193
[U.S. Dep. Agric., ARS, Sheep Exp. Stn., Dubois, ID 83423] *Canis latrans.*

84-003874 Green, Jeffrey S.; Roger A. Woodruff and Todd T. Tueller. LIVESTOCK-GUARDING DOGS FOR PREDATOR CONTROL: COSTS, BENEFITS, AND PRACTICALITY. *Wildl. Soc. Bull.* 12(1):44-50. 1984. WR 193
[U.S. Dep. Agric., Agric. Res. Serv., Dubois, ID 83423] *Canis latrans.*

84-003875 Haroldson, Kurt J. and Erik K. Fritzell. HOME RANGES, ACTIVITY, AND HABITAT USE BY GRAY FOXES IN AN OAK-HICKORY FOREST. *J. Wildl. Manage.* 48(1):222-227. Jan. 1984. WR 193
[School For., Fish & Wildl., Univ. Mo., 112 Stephens Hall, Columbia 65211] *Urocyon cinereoargenteus* in Missouri.

84-003876 Hockman, J. Gregory and Joseph A. Chapman. COMPARATIVE FEEDING HABITS OF RED FOXES (*VULPES VULPES*) AND GRAY FOXES (*UROCYON CINEREOARGENTEUS*) IN MARYLAND. *Am. Midl. Nat.* 110(2):276-285. Oct.

CANIDS (CONTINUED)

84-003876 CONTINUED 1983. WR 193
[Cent. Environ. & Estuarine Studies, Univ. Md., Frostburg 21532]

84-003877 Jones, Donald M. and John B. Theberge. VARIATION IN RED FOX, *VULPES VULPES*, SUMMER DIETS IN NORTHWEST BRITISH COLUMBIA AND SOUTHWEST YUKON. *Can. Field-Nat.* 97(3):311-314. July-Sept. 1983. WR 193
[Dep. Biol., Univ. Waterloo, Waterloo, Ontario, Canada N2L 3G1]

84-003878 Knight, James E. THE USE OF ULTRALIGHT AIRCRAFT FOR AERIAL CONTROL OF COYOTES. *Proc. Great Plains Wildl. Damage Control Workshop* 6:114. 12 Dec. 1983. Abstract only. WR 193
[Coop. Ext. Serv., N.M. State Univ., Box 4901, Las Cruces 88003] *Canis latrans*.

84-003879 Knowlton, Frederick F. and L. Charles Stoddart. COYOTE POPULATION MECHANICS: ANOTHER LOOK. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors*. p. 93-111. Sept. 1983. WR 193
[Predator Ecol. & Behav. Project, U.S. Fish & Wildl. Serv., Logan, UT 84322] *Canis latrans* in North America.

84-003880 Korhonen, H. and M. Harri. GROWTH AND MAINTENANCE OF THE RACCOON DOG (*NYCTEREUTES PROCYONOIDES* GRAY 1834) ON VARIOUS BREWERS' MASH AND BASAL DIETS. *Z. Tierphysiol. Tierernaehr. Futtermittelkd.* 50(4-5):275-287. Nov. 1983. In English with German summ. WR 193
[Dep. Appl. Zool., Univ. Kuopio, POB 138, SF-70101 Kuopio 10, Finland]

84-003881 Korhonen, Hannu and Mikko Harri. SEASONAL CHANGES IN THE THERMOREGULATION OF THE RACCOON DOG (*NYCTEREUTES PROCYONOIDES* GRAY 1834). *Comp. Biochem. Physiol. A Comp. Physiol.* 77(2):213-219. 1984. WR 193
[Dep. Appl. Zool., Univ. Kuopio, P.O. Box 138, SF-70101 Kuopio 10, Finland]

84-003882 Laundré, John W. and Barry L. Keller. HOME-RANGE SIZE OF COYOTES: A CRITICAL REVIEW. *J. Wildl. Manage.* 48(1):127-139. Jan. 1984. WR 193
[Dep. Biol./Earth-Space Sci., Southwest State Univ., Marshall, MN 56258] *Canis latrans*.

84-003883 Laundre, John W. and Barry L. Keller. TRAPPABILITY OF COYOTES RELATIVE TO HOME RANGE BOUNDARIES. *Can. J. Zool.* 61(8):1932-1934. Aug. 1983. In English with French summ. WR 193
[Dep. Biol., Earth/Space Sci., Southwest State Univ., Marshall, MN 56258] *Canis latrans* in Idaho.

84-003884 Littauer, Gary A. RANCHER USE OF COMPOUND 1080 TOXIC COLLARS IN NEW MEXICO. *Proc. Great Plains Wildl. Damage Control Workshop* 6:92-104. 12 Dec. 1983. WR 193
[Dep. Agric., N.M. State Univ., Las Cruces 88003] *Canis latrans*.

CANIDS (CONTINUED)

84-003885 McGrew, John C. GUARDIAN DOG RESEARCH IN THE U.S. *Proc. Great Plains Wildl. Damage Control Workshop* 6:70-78. 12 Dec. 1983. WR 193
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Canis latrans*.

84-003886 McShane, T. O. and J. F. Grettenberger. FOOD OF THE GOLDEN JACKAL (*CANIS AUREUS*) IN CENTRAL NIGER. *Afr. J. Ecol.* 22(1):49-53. Mar. 1984. In English with French summ. WR 193
[Nyika Natl. Park, Private Bag No. 6, Chilinda, P.O. Rumphi, Malawi]

84-003887 Mech, L. D. and H. H. Hertel. AN EIGHT-YEAR DEMOGRAPHY OF A MINNESOTA WOLF PACK. *Acta Zool. Fenn.* No. 174. p. 249-250. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Canis lupus*.

84-003888 Mendelssohn, H. STATUS OF THE WOLF IN THE MIDDLE EAST. *Acta Zool. Fenn.* No. 174. p. 279-280. 1983. WR 193
[Dep. Zool., Tel-Aviv Univ., Ramat-Aviv 69978, Israel] *Canis lupus*.

84-003889 Mendelssohn, H. CONSERVATION OF THE WOLF IN ISRAEL. *Acta Zool. Fenn.* No. 174. p. 281-282. 1983. WR 193
[Dep. Zool., Tel-Aviv Univ., Ramat-Aviv 69978, Israel] *Canis lupus*.

84-003890 Møller, O. M.; M. Mondain-Monval; A. Smith; E. Metzger and R. Scholler. TEMPORAL RELATIONSHIPS BETWEEN HORMONAL CONCENTRATIONS AND THE ELECTRICAL RESISTANCE OF THE VAGINAL TRACT OF BLUE FOXES (*ALOPEX LAGOPUS*) AT PRO-OESTRUS AND OESTRUS. *J. Reprod. Fert.* 70(1):15-24. Jan. 1984. WR 193
[Dep. Anim. Husbandry & Genet., Norwegian Coll. Vet. Med., Postbox 8146 Dep., Oslo, Norway]

84-003891 Newsome, A. E.; L. K. Corbett; P. C. Catling and R. J. Burt. THE FEEDING ECOLOGY OF THE DINGO. I. STOMACH CONTENTS FROM TRAPPING IN SOUTH-EASTERN AUSTRALIA, AND THE NON-TARGET WILDLIFE ALSO CAUGHT IN DINGO TRAPS. *Aust. Wildl. Res.* 10(3):477-486. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

84-003892 Okoniewski, Joseph C. and Robert E. Chambers. COYOTE VOCAL RESPONSE TO AN ELECTRONIC SIREN AND HUMAN HOWLING. *J. Wildl. Manage.* 48(1):217-222. Jan. 1984. WR 193
[Dep. Environ. Conserv., Wildl. Resour. Cent., Delmar, NY 12054] *Canis latrans* in New York.

84-003893 Packard, Jane M. and L. David Mech. POPULATION REGULATION IN WOLVES. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors*. p. 151-174. Sept. 1983. WR 193
[School For. Resour. & Conserv., Univ. Fla., Gainesville 32611] *Canis lupus*.

CANIDS (CONTINUED)

84-003894 Pengilly, Douglas. DEVELOPMENTAL VERSUS FUNCTIONAL EXPLANATIONS FOR PATTERNS OF VARIABILITY AND CORRELATION IN THE DENTITIONS OF FOXES. *J. Mammal.* 65(1):34-43. 28 Feb. 1984. WR 193
[Ester, AK 99725] *Alopex lagopus* and *Vulpes vulpes*.

84-003895 Phillips, Michael K. FACTORS INFLUENCING COYOTE DISTRIBUTION. *Proc. Alaska Sci. Conf.* 33:51. Sept. 1982. Abstract only. WR 193
[Coop. Park Studies Unit, Univ. Alaska, Fairbanks 99701] *Canis latrans* in North America.

84-003896 Porton, Ingrid. BUSH DOG URINE-MARKING: ITS ROLE IN PAIR FORMATION AND MAINTENANCE. *Anim. Behav.* 31(4):1061-1069. Nov. 1983. WR 193
[St. Louis Zool. Park, Forest Park, St. Louis, MO 63110] *Speothos venaticus*.

84-003897 Röhrs, Manfred and Peter Ebinger. NOCH EINMAL: WÖLFE MIT UNTERSCHIEDLICHEN CEPHALISATIONSSTUFEN? [ONCE AGAIN: SUBSPECIES IN WOLVES WITH A DIFFERENT LEVEL OF CEPHALISATION?] *Z. Zool. Syst. Evolutionsforsch.* 21(4):314-318. Dec. 1983. In German with English summ. WR 193
[Inst. Zool., Westfalenhof, Bünteweg 17, D-3000 Hannover 71, West Germany] *Canis lupus* and *C. l. pallipes*.

84-003898 Rausch, R. L.; F. H. Fay and F. S. L. Williamson. HELMINTHS OF THE ARCTIC FOX, *ALOPEX LAGOPUS* (L.), IN GREENLAND. *Can. J. Zool.* 61(8):1847-1851. Aug. 1983. In English with French summ. WR 193
[Div. Anim. Med. SB-42 & Dep. Pathobiol., Univ. Wash., Seattle 98195]

84-003899 Root, David A. and Neil F. Payne. FIRST REPORT OF A SAMSON GRAY FOX. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):113. 1983. WR 193
[Coll. Nat. Resour., Univ. Wis., Stevens Point 54481] *Urocyon cinereoargenteus* in Wisconsin.

84-003900 Scanlan, Charles M.; Guy L. Pidgeon; Larry J. Swango; Stephany S. Hannon and Patricia A. Galik. EXPERIMENTAL INFECTION OF GRAY FOXES (*UROCYON CINEREOARGENTEUS*) WITH *BRUCELLA ABORTUS*. *J. Wildl. Dis.* 20(1):27-30. Jan. 1984. WR 193
[Dep. Microbiol., School Vet. Med., Auburn Univ., Auburn, AL 36849]

84-003901 Scrivner, Jerry H. REDUCING GOAT LOSSES TO PREDATORS: PAST VS. PRESENT PRODUCERS IN TEXAS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:83-91. 12 Dec. 1983. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 78843] *Canis latrans*.

84-003902 Shahi, S. P. STATUS OF GREY WOLF (*CANIS LUPUS PALLIPES*, SYKES) IN INDIA. *Acta Zool. Fenn.* No. 174. p. 283-286. 1983. WR 193
[P.O. Hehal, Ranchi - 834 005 Bihar, India]

CANIDS (CONTINUED)

84-003903 Smith, Richard A. and Michael L. Kennedy. FOOD HABITS OF THE COYOTE (*CANIS LATRANS*) IN WESTERN TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):27-28. Jan.-Apr. 1983. WR 193
[Memphis State Univ., Memphis, TN 38152]

84-003904 Tabatabai, Farrokh R. HOME RANGE AND DENNING SITES OF A GRAY FOX (*UROCYON CINEREOARGENTEUS*) IN WESTERN TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):13. Jan.-Apr. 1983. Abstract only. WR 193

84-003905 Tumlison, Renn and V. Rick McDaniel. GRAY FOX AGE CLASSIFICATION BY CANINE TOOTH PULP CAVITY RADIOGRAPHS. *J. Wildl. Manage.* 48(1):228-230. Jan. 1984. WR 193
[Dep. Zool., Okla. State Univ., Stillwater 74078] *Urocyon cineroargenteus*.

84-003906 Vaughan, Christopher. COYOTE RANGE EXPANSION IN COSTA RICA AND PANAMA. *Brenesia* 21:27-32. Nov. 1983. WR 193
[Environ. Sci. School, Natl. Univ., Heredia, Costa Rica] *Canis latrans dickeyi*.

84-003907 Voskár, J. PRESENT PROBLEMS OF WOLF PRESERVATION IN CZECHOSLOVAKIA. *Acta Zool. Fenn.* No. 174. p. 287-288. 1983. WR 193
[Reg. Cent. State Preserv. Nat.-Presov, Czechoslovakia] *Canis lupus*.

84-003908 Wabakken, P.; O. J. Sørensen and T. Kvam. WOLVES (*CANIS LUPUS*) IN SOUTHEASTERN NORWAY. *Acta Zool. Fenn.* No. 174. p. 277. 1983. WR 193
[Carnivore Res. Project, Dir. Wildl. & Freshwater Fish, Game Res. Div., Elgesetergt. 10, N-7000 Trondheim, Norway]

BEARS

84-003909 Alt, Gary L. and Janice M. Gruttadauria. REUSE OF BLACK BEAR DENS IN NORTHEASTERN PENNSYLVANIA. *J. Wildl. Manage.* 48(1):236-239. Jan. 1984. WR 193
[Pa. Game Comm., RD#5, Box 65B, Moscow 18444] *Ursus americanus*.

84-003910 Berducou, C.; L. Faliu and J. Barrat. THE FOOD HABITS OF THE BROWN BEAR IN THE NATIONAL PARK OF THE WESTERN PYRENEES (FRANCE) AS REVEALED BY FAECES ANALYSIS. *Acta Zool. Fenn.* No. 174. p. 153-156. 1983. WR 193
[Ecol. Natl. Supérieur Agron. Toulouse, Lab. Theriol. Pyrénéenne, 64880 Etsaut, France] *Ursus arctos*.

84-003911 Camarra, J. J. HABITAT UTILIZATION OF BROWN BEARS IN THE WESTERN PYRENEES. *Acta Zool. Fenn.* No. 174. p. 157-158. 1983. WR 193
[Off. Natl. de la Chasse, 75017 Paris, France] *Ursus arctos*.

BEARS (CONTINUED)

84-003912 Colmenares, F. and H. Rivero. DISPLAYS OCCURRING DURING CONFLICT SITUATIONS CONVEY CHEMICAL AND VISUAL INTIMIDATION MESSAGES IN BEARS LIVING UNDER CAPTIVE GROUP CONDITIONS. *Acta Zool. Fenn.* No. 174. p. 145-148. 1983. WR 193
[Dep. Invest., Cent. 'Ramón y Cajal', Madrid 34, Spain] *Ursus arctos.*

84-003913 Colmenares, F. and H. Rivero. MALE-MALE TOLERANCE, MATE SHARING AND SOCIAL BONDS AMONG ADULT MALE BROWN BEARS LIVING UNDER GROUP CONDITIONS IN CAPTIVITY. *Acta Zool. Fenn.* No. 174. p. 149-151. 1983. WR 193
[Dep. Invest., Cent. 'Ramón y Cajal', Madrid 34, Spain] *Ursus arctos.*

84-003914 Danilov, P. I. THE BROWN BEAR (*URSUS ARCTOS* L.) AS A PREDATOR IN THE EUROPEAN TAIGA. *Acta Zool. Fenn.* No. 174. p. 159-160. 1983. WR 193
[Inst. Biol., Karelian Branch USSR Acad. Sci., Petrozavodsk, USSR]

84-003915 Fabbri, M.; G. Boscagli and S. Lovari. THE BROWN BEAR POPULATION OF ABRUZZO. *Acta Zool. Fenn.* No. 174. p. 163-164. 1983. WR 193
[Ente Autonomo Parco Nazionale d'Abruzzo, 67032 Pescasseroli, Italy] *Ursus arctos* in Italy.

84-003916 Garner, Gerald W. ECOLOGY OF BROWN BEARS INHABITING THE COASTAL PLAIN AND ADJACENT FOOTHILLS AND MOUNTAINS OF NORTHEASTERN ALASKA. *Proc. Alaska Sci. Conf.* 34:79. 1983. Abstract only. WR 193
[U.S. Fish & Wildl. Serv., Arctic Natl. Wildl. Refuge, Fairbanks, AK] *Ursus arctos.*

84-003917 Maehr, David S. and James R. Brady. FOOD HABITS OF FLORIDA BLACK BEARS. *J. Wildl. Manage.* 48(1):230-235. Jan. 1984. WR 193
[Game & Fresh Water Fish Comm., Gainesville, FL 32601] *Ursus americanus floridanus.*

84-003918 Nelson, R. A.; D. L. Steiger and T. D. I. Beck. NEUROENDOCRINE AND METABOLIC INTERACTIONS IN THE HIBERNATING BLACK BEAR. *Acta Zool. Fenn.* No. 174. p. 137-141. 1983. WR 193
[Dep. Res., Carle Found. Hosptial & Coll. Med., Univ. Ill., Urbana 61801] *Ursus americanus.*

84-003919 Noyce, Karen and Dave Garshelis. WHAT WE'RE LEARNING ABOUT BLACK BEARS IN MINNESOTA. *Minn. Volunteer* 47(273):37-43. Mar.-Apr. 1984. WR 193
[Dep. Nat. Resour., Grand Rapids, MN] *Ursus americanus.*

84-003920 Pulliainen, Erkki. KARHUEKSPANSIO IDÄSTÄ. [EXPANSION OF THE BROWN BEAR (*URSUS ARCTOS*) INTO FINLAND FROM THE EAST.] *Suomen Riista* 30:71-78. 1983. In Finnish with English summ. WR 193
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

BEARS (CONTINUED)

84-003921 Rogers, Lynn L. EFFECTS OF FOOD SUPPLY, PREDATION, CANNIBALISM, PARASITES, AND OTHER HEALTH PROBLEMS ON BLACK BEAR POPULATIONS. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors*. p. 194-211. 1983. WR 193
[U.S. For. Serv., North Cent. For. Exp. Stn., 1992 Folwell Ave., St. Paul, MN 55108] *Ursus americanus*.

84-003922 Rogers, Lynn L. REACTIONS OF FREE-RANGING BLACK BEARS TO CAPSAICIN SPRAY REPELLENT. *Wildl. Soc. Bull.* 12(1):59-61. 1984. WR 193
[U.S. For. Serv., North Cent. For. Exp. Stn., 1992 Folwell Ave., St. Paul, MN 55108] *Ursus americanus*.

84-003923 Roth, H. U. HOME RANGES AND MOVEMENT PATTERNS OF EUROPEAN BROWN BEARS AS REVEALED BY RADIOTRACKING. *Acta Zool. Fenn.* No. 174. p. 143-144. 1983. WR 193
[Dep. Vertebr., Inst. Zool., Univ. Bern, CH-3012 Bern, Switzerland] *Ursus arctos* in Yugoslavia.

84-003924 Seidensticker, John and John F. Eisenberg. THE TANGJIAHE, WANGLANG, AND FENGTONGZHAI GIANT PANDA RESERVES AND BIOLOGICAL CONSERVATION IN THE PEOPLE'S REPUBLIC OF CHINA. *Biol. Conserv.* 28(3):217-251. 1984. WR 193
[Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008] *Ailuropoda melanoleuca*.

84-003925 Stringhham, Stephen F. DYNAMICS OF BEAR POPULATIONS AS FUNCTIONS OF DEMOGRAPHY, FOOD SUPPLY, AND CLIMATE. *Proc. Alaska Sci. Conf.* 34:66. 1983. Abstract only. WR 193
[Ecol. Program, Univ. Tenn., Knoxville]

84-003926 Tomek, Andrzej. NIEDZWIEDZIE *URSUS ARCTOS* W BESKIDACH. [THE BEARS, *URSUS ARCTOS*, IN THE BESKIDY MOUNTAIN RANGE.] *Chronmy Przyr. Ojczysta* 39(4):64-65. 1983. In Polish. WR 193

84-003927 Yi-ching, Ma. THE STATUS OF BEARS IN CHINA. *Acta Zool. Fenn.* No. 174. p. 165-166. 1983. WR 193
[Inst. Nat. Resour., Hapin Rd., Harbin, China] *Ursus arctos*, *Selenarctos thibetanus*, and *Helarctos malayanus*.

84-003928 Zager, Peter E. and Charles J. Jonkel. MANAGING GRIZZLY BEAR HABITAT IN THE NORTHERN ROCKY MOUNTAINS. *J. For.* 81(8):524-526, 536. Aug. 1983. WR 193
[Muskingum Coll., New Concord, OH 43762] *Ursus arctos horribilis* in the United States.

RACCOONS, RINGTAIL, AND COATI

84-003929 Brody, Allan J. and Donald B. Koch. SPRING RANGES, FOOD HABITS, AND HABITAT UTILIZATION OF RINGTAILS IN THE GEYSERS. *Cal-Neva Wildl. Trans.* 1983:67-75. 1983. WR 193

RACCOONS, RINGTAIL, AND COATI (CONTINUED)

84-003929 CONTINUED
[Univ. Tenn., Dep. For. Wildl. & Fish., P.O. Box 1071, Knoxville 37901] *Bassariscus astutus* in California.

84-003930 Cranfield, M. R.; I. K. Barker; K. G. Mehren and W. A. Rapley. CANINE DISTEMPER IN WILD RACCOONS (*PROCYON LOTOR*) AT THE METROPOLITAN TORONTO ZOO. *Can. Vet. J.* 25(2):63-66. Feb. 1984. In English with French summ. WR 193
[Barker: Dep. Pathol., Ontario Vet. Coll., Univ. Guelph, Guelph, Ontario Canada N1G 2W1]

84-003931 Smith, Richard A. ECOLOGICAL STUDIES OF THE RACCOON (*PROCYON LOTOR*). *J. Tenn. Acad. Sci.* 58(1/2):13. Jan.-Apr. 1983. Abstract only. WR 193

MUSTELIDS

84-003932 Allen, Arthur W. HABITAT SUITABILITY INDEX MODELS: MINK. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.61. 19p. Oct. 1983. WR 193
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526-2899] *Mustela vison*.

84-003933 Allen, Arthur W. HABITAT SUITABILITY INDEX MODELS: FISHER. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.45. 19p. Oct. 1983. WR 193
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526-2899] *Martes pennanti* in North America.

84-003934 Ashby, K. R. and K. Elliot. THE DIET OF THE BADGER (*MELES MELES* L.) IN CASTLE EDEN DENE, COUNTY DURHAM. *Acta Zool. Fenn.* No. 174. p. 205-207. 1983. WR 193
[Dep. Zool., Univ. Durham, Durham DH1 3LE, England]

84-003935 Banci, V. ECOLOGY AND BEHAVIOR OF YUKON WOLVERINE: A RESEARCH PROPOSAL. *Proc. Alaska Sci. Conf.* 34:74. 1983. Abstract only. WR 193
[Simon Fraser Univ., Burnaby, British Columbia, Canada] *Gulo gulo* in Canada.

84-003936 Benz, Carl. PROBLEMS OF MANAGING SEA OTTERS IN CALIFORNIA. *Cal-Neva Wildl. Trans.* 1983:138-143. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1230 "N" St., 14th Floor, Sacramento, CA 95814] *Enhydra lutris*.

84-003937 Buskirk, Steven William. THE ECOLOGY OF MARTEN IN SOUTHCENTRAL ALASKA. *Ph.D. dissertation, Univ. Alaska* 144p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2322. Feb. 1984. WR 193
Martes americana.

MUSTELIDS (CONTINUED)

84-003938 Cabello, Carlos. LA NUTRIA DE MAR EN LA ISLA DE CHILOE. [THE SEA OTTER, *LUTRA FELINA* ON CHILOE ISLAND.] *Bol. Tec. Corp. Nac. For. Chile* No. 6. [iii] + 37p. May 1983. In Spanish with English summ. WR 193

84-003939 Casson, John E. and W. D. Klimstra. WINTER FOODS OF MINK IN SOUTHERN ILLINOIS. *Trans. Ill. State Acad. Sci.* 76(3/4):281-292. 1983. WR 193
[U.S. For. Serv., P.O. Box 56, Quinault, WA 98575]

84-003940 Chanin, Paul. OBSERVATIONS ON TWO POPULATIONS OF FERAL MINK IN DEVON, U.K. *Mammalia* 47(4):463-476. 1983. In English with French summ. WR 193
[Dep. Extra Mural Studies, Univ. Exeter, St. Luke's, Exeter, Devon, England] *Mustela vison*.

84-003941 Clark, Tim W. BIOLOGICAL, SOCIOLOGICAL, AND ORGANIZATIONAL CHALLENGES TO ENDANGERED SPECIES CONSERVATION: THE BLACK-FOOTED FERRET CASE. *Human Dimensions Wildl. Newsl.* 3(1):10-15. Feb. 1984. WR 193
Mustela nigripes.

84-003942 Delibes, M. INTERSPECIFIC COMPETITION AND THE HABITAT OF THE STONE MARTEN *MARTES FOINA* (ERXLEBEN 1777) IN EUROPE. *Acta Zool. Fenn.* No. 174. p. 229-231. 1983. WR 193
[Doñana Biol. Stn., CSIC, Paraguay 1, Sevilla 12, Spain] *Martes martes*.

84-003943 Dunstone, N. and J. D. S. Birks. ACTIVITY BUDGET AND HABITAT USAGE BY COASTAL-LIVING MINK (*MUSTELA VISON* SCHREBER). *Acta Zool. Fenn.* No. 174. p. 189-191. 1983. WR 193
[Dep. Zool., Sci. Lab., Univ. Durham, South Rd., Durham, England]

84-003944 Dunstone, N. UNDERWATER HUNTING BEHAVIOUR OF THE MINK (*MUSTELA VISON* SCHREBER): AN ANALYSIS OF CONSTRAINTS ON FORAGING. *Acta Zool. Fenn.* No. 174. p. 201-203. 1983. WR 193
[Dep. Zool., Sci. Lab., Univ. Durham, South Rd., Durham, England]

84-003945 Erlinge, S. ECOLOGICAL RESEARCH ON MUSTELIDS. *Acta Zool. Fenn.* No. 174. p. 167-168. 1983. WR 193
[Dep. Anim. Ecol., Univ. Lund, S-223 62 Lund, Sweden]

84-003946 Fazleabas, Asgerally T.; Rodney A. Mead; Arthur W. Rourke and R. Michael Roberts. PRESENCE OF AN INHIBITOR OF PLASMINOGEN ACTIVATOR IN UTERINE FLUID OF THE WESTERN SPOTTED SKUNK DURING DELAYED IMPLANTATION. *Biol. Reprod.* 30(2):311-322. Mar. 1984. WR 193
[Roberts: J. Hillis Miller Health Cent., J-245, Dep. Biochem. & Molecular Biol., Univ. Fla., Gainesville 32610] *Spilogale putorius latifrons*.

84-003947 Göransson, G. DENNING ACTIVITY IN SWEDISH BADGERS, *MELES MELES*. *Acta Zool. Fenn.* No. 174. p. 179-181. 1983. WR 193
[Dep. Anim. Ecol., Univ. Lund, Helgonav. 5, S-223 62 Lund, Sweden]

MUSTELIDS (CONTINUED)

84-003948 Garshelis, David Lance. ECOLOGY OF SEA OTTERS IN PRINCE WILLIAM SOUND, ALASKA. *Ph.D. dissertation, Univ. Minn.* 338p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2608. Mar. 1984. WR 193
Enhydra lutris.

84-003949 Gerrodette, Tim. REVIEW OF THE CALIFORNIA SEA OTTER SALVAGE PROGRAM. *Tim Gerrodette, Del Mar, Calif.* 27p. Sept. 1983. From U.S. Government Reports 83(26):6485. 23 Dec. 1983. Available from NTIS as PB83-262949. WR 193
Enhydra lutris in California.

84-003950 Hamilton, Meredith J. and Phyllis K. Kennedy. GENETIC VARIATION IN RIVER OTTER FROM WESTERN TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):13. Jan.-Apr. 1983. Abstract only. WR 193
Lutra canadensis.

84-003951 Hargis, Christina D. and Dale R. McCullough. WINTER DIET AND HABITAT SELECTION OF MARTEN IN YOSEMITE NATIONAL PARK. *J. Wildl. Manage.* 48(1):140-146. Jan. 1984. WR 193
[Mono Lake Ranger Dist., P.O. Box 10, Lee Vining, CA 93541] *Martes americana* in California.

84-003952 Harris, Stephen. ECOLOGY OF URBAN BADGERS *MELES MELES*: DISTRIBUTION IN BRITAIN AND HABITAT SELECTION, PERSECUTION, FOOD AND DAMAGE IN THE CITY OF BRISTOL. *Biol. Conserv.* 28(4):349-375. 1984. WR 193
[Dep. Zool., Univ. Bristol, Woodland Rd., Bristol BS8 1UG, England]

84-003953 Hornocker, M. G.; J. P. Messick and W. E. Melquist. SPATIAL STRATEGIES IN THREE SPECIES OF MUSTELIDAE. *Acta Zool. Fenn.* No. 174. p. 185-188. 1983. WR 193
[Coop. Wildl. Res. Unit., Univ. Idaho, Moscow 83843] *Gulo gulo*, *Lutra canadensis*, and *Taxidea taxus* in the United States.

84-003954 Jenkins, David and J. W. H. Conroy. CONSERVATION OF OTTERS AT SULLOM VOE, SHETLAND, 1981. *Inst. Terrestrial Ecol., Banchory, Scotland* 25p. 1982. From U.S. Government Reports 83(26):6455. 23 Dec. 1983. Available from NTIS as PB83-257915. WR 193
Lutra lutra.

84-003955 Jenkins, J. H. THE STATUS AND MANAGEMENT OF THE RIVER OTTER (*LUTRA CANADENSIS*) IN NORTH AMERICA. *Acta Zool. Fenn.* No. 174. p. 233-235. 1983. WR 193
[School For. Resour., Univ. Ga., Athens 30602]

84-003956 King, C. M. FACTORS REGULATING MUSTELID POPULATIONS. *Acta Zool. Fenn.* No. 174. p. 217-220. 1983. WR 193
[3 Waerenga Rd., Eastbourne, New Zealand]

84-003957 King, C. M. THE LIFE-HISTORY STRATEGIES OF *MUSTELA NIVALIS* AND *M. ERMINEA*. *Acta Zool. Fenn.* No. 174. p. 183-184. 1983. WR 193
[3 Waerenga Rd., Eastbourne, New Zealand]

84-003958 Kirkland, Gordon L., Jr. and Carol J. Kirkland. PATTERNS OF VARIATION IN CRANIAL DAMAGE IN SKUNKS (MUSTELIDAE: MEPHITINAE) PRESUMABLY CAUSED BY NEMATODES OF THE GENUS *SKRJABINGYLUS* PETROV 1927 (MESTASTRONGYLOIDEA). *Can. J. Zool.* 61(12):2913-2920. Dec. 1983. In English with French summ. WR 193
[Vertebr. Mus., Shippensburg Univ., Shippensburg, PA 17257] *Mephitis mephitis*, *M. macroura*, *Spilogale putorius* and *Conepatus* spp. in Canada and the United States.

84-003959 Klochkov, D. V.; A. L. Markel' and A. E. Prasolov. INFLUENCE OF CONSTANT ILLUMINATION ON FUNCTION OF TESTICLES AND ADRENAL GLANDS IN YOUNG MINKS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 13(5):316-321. Sept.-Oct. 1982. Translated from Ontogenez 13(5):517-523. Sept.-Oct. 1982. WR 193
[Inst. Cytol. & Genet., Siberian Branch, Acad. Sci., Novosibirsk, USSR] *Mustela vison*.

84-003960 Krott, Peter and Teppo Lampio. NÄÄDÄN ESIINTYMISESTÄ SUOMESSA 1900-LUVULLA. [OCCURRENCE OF THE PINE MARTEN (*MARTES MARTES*) IN FINLAND IN THE 1900s.] *Suomen Riista* 30:60-63. 1983. In Finnish with English summ. WR 193
[Kleinsölk, A-8961 Stein/Enns, Austria]

84-003961 Lankester, Murray W. *SKRJABINGYLUS* PETROV, 1927 (NEMATODA: METASTRONGYLOIDEA) EMENDED WITH REDESCRITPIONS OF *S. NASICOLA* (LEUCKART, 1842) AND *S. CHITWOODORUM* HILL, 1939 FROM NORTH AMERICAN MUSTELIDS. *Can. J. Zool.* 61(9):2168-2178. Sept. 1983. In English with French summ. WR 193
[Dep. Biol., Lakehead Univ., Thunder Bay, Ontario, Canada P7B 5E1]

84-003962 Lazell, James D., Jr. A RIVER OTTER, *LUTRA C. CANADENSIS*, OF RECORD SIZE. *Can. Field-Nat.* 97(2):225-226. Apr.-June 1983. WR 193
[Conserv. Agency, 8 Swinburne St., Jamestown, RI 02835]

84-003963 Magoun, A. J. and P. Valkenburg. BREEDING BEHAVIOR OF FREE-RANGING WOLVERINES *(GULO GULO)*. *Acta Zool. Fenn.* No. 174. p. 175-177. 1983. WR 193
[Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks 99701]

84-003964 Martinet, L.; D. Allain and M. Meunier. REGULATION IN PREGNANT MINK (*MUSTELA VISON*) OF PLASMA PROGESTERONE AND PROLACTIN CONCENTRATIONS AND REGULATION OF ONSET OF THE SPRING MOULT BY DAYLIGHT RATIO AND MELATONIN INJECTIONS. *Can. J. Zool.* 61(9):1959-1963. Sept. 1983. In English with French summ. WR 193
[Dep. Physiol. Anim., Inst. Natl. Recherche Agron., 78350 Jouy-en-Josas, France]

MUSTELIDS (CONTINUED)

84-003965 Maurel, Daniel and Jean Boissin. SEASONAL RHYTHMS OF LOCOMOTOR ACTIVITY AND THYROID FUNCTION IN MALE BADGERS (*MELES MELES* L.). *J. Interdiscp. Cycle Res.* 14(4):285-303. Dec. 1983. WR 193
[Cent. Etud. Biol. Anim. Sauvages, CNRS, Villiers-en-Bois, F-79360 Beauvoir-sur, Niort, France]

84-003966 Mead, R. A. and P. L. Wright. REPRODUCTIVE CYCLES OF MUSTELIDAE. *Acta Zool. Fenn.* No. 174. p. 169-172. 1983. WR 193
[Dep. Biol. Sci., Univ. Idaho, Moscow 83843]

84-003967 Mermod, Claude; Sylvain Debrot; Paul Marchesi and Jean-Marc Weber. LE PUTOIS (*MUSTELA PUTORIUS* L.) EN SUISSE ROMANDE. [THE POLECAT (*MUSTELA PUTORIUS* L.) IN WESTERN SWITZERLAND.] *Rev. Suisse Zool.* 90(4):847-856. Dec. 1983. In French with German and English summ. WR 193
[Inst. Zool. l'Univ., Chantermerle 22, CH-2000 Neuchâtel 7, Switzerland]

84-003968 Moshonkin, N. N. [THE REPRODUCTIVE CYCLE IN FEMALES OF THE EUROPEAN MINK (*LUTREOLA LUTREOLA*).] *Zool. Zh.* 62(12):1879-1883. Dec. 1983. In Russian with English summ. WR 193
[Astrakhan State Reserve, Astrakhan, USSR]

84-003969 Oksanen, T. PREY CACHING IN THE HUNTING STRATEGY OF SMALL MUSTELIDS. *Acta Zool. Fenn.* No. 174. p. 197-199. 1983. WR 193
[Inst. Zool., Univ. Oslo, Box 1050, Blindern, Oslo 3, Norway]

84-003970 Palmisano, J. F. SEA OTTER PREDATION: ITS ROLE IN STRUCTURING ROCKY INTERTIDAL COMMUNITIES IN THE ALEUTIAN ISLANDS, ALASKA U.S.A. *Acta Zool. Fenn.* No. 174. p. 209-211. 1983. WR 193
[CH2M HILL, 1500-114th Ave. SE, Bellevue, WA 98004] *Enhydra lutris* in Alaska.

84-003971 Powell, R. A. and W. J. Zielinski. COMPETITION AND COEXISTENCE IN MUSTELID COMMUNITIES. *Acta Zool. Fenn.* No. 174. p. 223-227. 1983. WR 193
[Dep. Zool. & For., N.C. State Univ., Raleigh 27650]

84-003972 Rosatte, R. C. SEASONAL OCCURRENCE AND HABITAT PREFERENCE OF RABID SKUNKS IN SOUTHERN ALBERTA. *Can. Vet. J.* 25(3):142-144. Mar. 1984. In English with French summ. WR 193
[Fish & Wildl. Div., 6909-116 St., Edmonton, Alberta, Canada T6H 4P2] *Mephitis mephitis* in Canada.

84-003973 Sandell, M. ALTERNATIVE MATING STRATEGIES OF MALE STOATS. *Acta Zool. Fenn.* No. 174. p. 173-174. 1983. WR 193
[Dep. Anim. Ecol., Univ. Lund, Ecol. Bldg., S-223 62 Lund, Sweden] *Mustela erminea* in Sweden.

84-003974 Santos Reis, M. STATUS AND DISTRIBUTION OF THE PORTUGUESE MUSTELIDS. *Acta Zool. Fenn.* No. 174. p. 213-216. 1983. WR 193
[Lab. Zool. Antropol., Fac. Ciênc. Rua da Escola Polit., 1200

MUSTELIDS (CONTINUED)

84-003974 CONTINUED Lisbon, Portugal] *Mustela nivalis, M. putorius, Martes foina, Meles meles,* and *Lutra lutra*.

84-003975 Schaefer, Joseph M. THE VIABILITY OF RABIES IN CARRION. *Proc. Great Plains Wildl. Damage Control Workshop* 6:112. 12 Dec. 1983. Abstract only. WR 193
[Fish & Game Comm., P.O. Box 4034, Wichita, KS 67204] *Mephitis mephitis*.

84-003976 Sundquist, C.; A. Lukola and Maija Valtonen. RELATIONSHIP BETWEEN SERUM TESTOSTERONE CONCENTRATIONS AND FERTILITY IN MALE MINK (*MUSTELA VISON*). *J. Reprod. Fert.* 70(2):409-412. Mar. 1984. WR 193
[Inst. Biol., Coll. Vet. Med., Helsinki, Finland]

84-003977 Twelves, Jane. OTTER (*LUTRA LUTRA*) MORTALITIES IN LOBSTER CREELS. *J. Zool. (Lond.)* 201(4):585-588. Dec. 1983. WR 193
[Old School, Lochcarnon, South Uist, Outer Hebrides, Scotland]

84-003978 Weber, J.-M. and C. Mermod. EXPERIMENTAL TRANSMISSION OF *SKRJABINGYLUS NASICOLA*, PARASITIC NEMATODE OF MUSTELIDS. *Acta Zool. Fenn.* No. 174. p. 237-238. 1983. WR 193
[Inst. Zool., Univ. Neuchâtel, CH-2000 Neuchâtel, Switzerland]

84-003979 Wharton, Donald. THE FISHER RETURNS. *Am. For.* 89(9):36-37, 48-49. Sept. 1983. WR 193
Martes pennanti in the United States.

84-003980 Whelan, John; Karen Lynn Anderson-Bledsoe and Patrick F. Scanlon. PREVALENCE OF THE KIDNEY WORM (*GNATHOSTOMA MIYAZAKII*) IN RIVER OTTERS (*LUTRA CANADENSIS*) IN VIRGINIA. *Can. J. Zool.* 61(8):1934-1935. Aug. 1983. In English with French summ. WR 193
[Dep. Agric. Biol., Fac. Agric., Univ. Coll. Dublin, Belfield, Dublin 4, Ireland]

84-003981 Wilson, James H.; Karen Lynn Anderson-Bledsoe; Jerry L. Baker and Patrick F. Scanlon. MECHANICAL PROPERTIES OF RIVER OTTER LIMB BONES. *Zoo Biol.* 3(1):27-34. 1984. WR 193
[Dep. Agric. Eng., 213 Seitz Hall, VPI&SU, Blacksburg, VA 24061] *Lutra canadensis*.

CATS

84-003982 Ackerman, Bruce B.; Frederick G. Lindzey and Thomas P. Hemker. COUGAR FOOD HABITS IN SOUTHERN UTAH. *J. Wildl. Manage.* 48(1):147-155. Jan. 1984. WR 193
[Dep. Fish & Game, P.O. Box 21, Soda Springs, ID 83276] *Felis concolor*.

CATS (CONTINUED)

84-003983 Apps, P. J. ASPECTS OF THE ECOLOGY OF FERAL CATS ON DASSEN ISLAND, SOUTH AFRICA. *S. Afr. J. Zool.* 18(4):393-399. Nov. 1983. In English with Afrikaans summ. WR 193
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa] *Felis catus.*

84-003984 Banjie, Tan. TIGERS IN CHINA. *Tigerpaper* 10(4):27-29. 1983. WR 193
Panthera tigris altaica, P. t. amoyensis, P. t. tigris, and *P. t. corbetti.*

84-003985 Brand, D. J. A "KING CHEETAH" BORN AT THE CHEETAH BREEDING AND RESEARCH CENTRE OF THE NATIONAL ZOOLOGICAL GARDENS OF SOUTH AFRICA, PRETORIA. *Zool. Gart.* 53(3/5):366-368. 1983. WR 193
[Natl. Zool. Gardens, Pretoria, South Africa] *Acinonyx jubatus.*

84-003986 Buie, David E. and T. T. Fendley. MOVEMENT BEHAVIOR OF ADULT BOBCATS DURING DOG DRIVES FOR DEER. *Bull. S.C. Acad. Sci.* 43:73. 1981. Abstract only. WR 193
Felis rufus in South Carolina.

84-003987 Burney, David A. LIFE ON THE CHEETAH CIRCUIT. *Nat. Hist.* 91(5):50-60. May 1982. WR 193
Acinonyx jubatus.

84-003988 Carbyn, L. N. and D. Patriquin. OBSERVATIONS ON HOME RANGE SIZES, MOVEMENTS AND SOCIAL ORGANIZATION OF LYNX, *LYNX CANADENSIS*, IN RIDING MOUNTAIN NATIONAL PARK, MANITOBA. *Can. Field-Nat.* 97(3):262-267. July-Sept. 1983. WR 193
[Canadian Wildl. Serv., 9942-108 St., Edmonton, Alberta, Canada T5K 2J5]

84-003989 Griffith, Michael A. and T. T. Fendley. COMPARISON OF NUMBER TWO STEEL LEGHOLD AND LIVE TRAP DAMAGE AND SUCCESS. *Bull. S.C. Acad. Sci.* 43:85. 1981. Abstract only. WR 193
Lynx rufus in South Carolina.

84-003990 Johnson, Mark K.; Robert C. Belden and Don R. Aldred. DIFFERENTIATING MOUNTAIN LION AND BOBCAT SCATS. *J. Wildl. Manage.* 48(1):239-244. Jan. 1984. WR 193
[School For. & Wildl. Manage., La. State Univ., Baton Rouge 70803] *Felis concolor* and *F. rufus.*

84-003991 Karesh, W. B. and G. Bottomley. VACCINE INDUCED ANAPHYLAXIS IN A BRAZILIAN JAGUAR (*PANTHERA ONCA PLAUSTRIX*). *J. Zoo Anim. Med.* 14(4):133-137. Dec. 1983. WR 193
[Zool. Soc. San Diego, P.O. Box 551, San Diego, CA 92112]

84-003992 Oza, G. M. DETERIORATING HABITAT AND PROSPECTS OF THE ASIATIC LION. *Environ. Conserv.* 10(4):349-352. 1983. WR 193
[INSONA, Oza Bldg., Salatwada Barodi 390001, India] *Felis leo persica.*

CATS (CONTINUED)

84-003993 Packer, Craig and Anne E. Pusey. ADAPTATIONS OF FEMALE LIONS TO INFANTICIDE BY INCOMING MALES. *Am. Nat.* 121(5):716-728. May 1983. WR 193
[Allee Lab. Anim. Behav., Univ. Chicago, 940 E. 57th St., Chicago, IL 60637] *Felis leo* in Tanzania.

84-003994 Parker, G. R. and G. E. J. Smith. SEX- AND AGE-SPECIFIC REPRODUCTIVE AND PHYSICAL PARAMETERS OF THE BOBCAT (*LYNX RUFUS*) ON CAPE BRETON ISLAND, NOVA SCOTIA. *Can. J. Zool.* 61(8):1771-1782. Aug. 1983. In English with French summ. WR 193
[Canadian Wildl. Serv., P.O. Box 1590, Sackville, New Brunswick, Canada E0A 3C0]

84-003995 Parker, G. R.; J. W. Maxwell; L. D. Morton and G. E. J. Smith. THE ECOLOGY OF THE LYNX (*LYNX CANADENSIS*) ON CAPE BRETON ISLAND. *Can. J. Zool.* 61(4):770-786. Apr. 1983. In English with French summ. WR 193
[Canadian Wildl. Serv., P.O. Box 1590, Sackville, New Brunswick, Canada E0A 3C0]

84-003996 Ramachandra, R. N.; M. Sathyanarayana Rao; G. L. Panduranga and R. Raghavan. BILATERAL OTITIS IN A LION CUB DUE TO CONCOMITANT INFECTION WITH *STAPHYLOCOCCUS AUREUS* AND *CORYNEBACTERIUM PYOGENES*. *Tigerpaper* 10(3):20. 1983. WR 193
[Dep. Vet. Microbiol. & Public Health, Vet. Coll., Hebbal, Bangalore, 560024, India] *Felis leo*.

84-003997 Rich, Mark S. THE LONGEVITY RECORD FOR *LYNX CANADENSIS* KERR, 1792. *Zool. Gart.* 53(3/5):365. 1983. In English. WR 193
[Mesker Park Zoo, Bement Ave., Evansville, IN 47712]

84-003998 Rudnai, Judith A. THE ECOLOGY OF LIONS IN THE KITENGELA CONSERVATION UNIT, KENYA. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 565-571. 1983. WR 193
[Nairobi, Kenya] *Panthera leo massaica*.

84-003999 Shaw, Harley G. IDEAS FOR REDUCING CATTLE LOSSES TO MOUNTAIN LIONS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:113. 12 Dec. 1983. Abstract only. WR 193
[Game & Fish Dep., P.O. Box 370, Chino Valley, AZ 86323] *Felis concolor*.

84-004000 Stehlik, Joseph. LE COMPORTEMENT SEXUEL DU LYNX BORÉAL (*LYNX LYNX*). [THE SEXUAL BEHAVIOUR OF THE LYNX (*LYNX LYNX*).] *Mammalia* 47(4):483-491. 1983. In French with German and English summ. WR 193
[Jardin Zool., Ostrava, Czechoslovakia]

84-004001 Strong, B. W. and W. A. Low. SOME OBSERVATIONS OF FERAL CATS *FELIS CATUS* IN THE SOUTHERN NORTHERN TERRITORY. *Northern Territory Conserv. Comm. Tech. Rep.* No. 9. iv + 12p. Sept. 1983. WR 193
[Conserv. Comm., Alice Springs, Northern Territory, Australia]

CATS (CONTINUED)

84-004002 Tumlison, Renn and V. Rick McDaniel. MORPHOLOGY, REPLACEMENT MECHANISMS, AND FUNCTIONAL CONSERVATION IN DENTAL REPLACEMENT PATTERNS OF THE BOBCAT *(FELIS RUFUS)*. *J. Mammal.* 65(1):111-117. 28 Feb. 1984. WR 193
[Dep. Zool., Okla. State Univ., Stillwater 74078]

84-004003 Wildt, D. E.; D. Meltzer; P. K. Chakraborty and M. Bush. ADRENAL-TESTICULAR-PITUITARY RELATIONSHIPS IN THE CHEETAH SUBJECTED TO ANESTHESIA/ELECTROEJACULATION. *Biol. Reprod.* 30(3):665-672. Apr. 1984. WR 193
[Natl. Zool. Park, Smithsonian Inst., Washington, DC 20008] *Acinonyx jubatus*.

84-004004 Yenke, William M. and John W. Goertz. ON THE OCCURRENCE OF THE COUGAR (*FELIS CONCOLOR*) IN LOUISIANA. *Proc. La. Acad. Sci.* 46:138. 1983. Abstract only. WR 193

OTHER CARNIVORES

84-004005 Kranendonk, Herman Jan; Janet Kuipers and Bart M. Lensink. THE MANAGEMENT OF SPOTTED HYAENAS, *CROCUTA CROCUTA*, IN ARTIS-ZOO, AMSTERDAM, THE NETHERLANDS. *Zool. Gart.* 53(3/5):339-353. 1983. In English with German and French summ. WR 193
[Vakgroep Algemene Dierkd., Univ. Amsterdam, Amsterdam, Netherlands]

84-004006 Müller, E. F. and U. Lojewski. TEMPERATURREGULATION BEIM ERDMÄNNCHEN (*SURICATA SURICATTA* SCHREBER, 1776). [TEMPERATURE REGULATION IN THE MEERKAT (*SURICATA SURICATTA* SCHREBER, 1776).] *Verh. Dtsch. Zool. Ges.* 76:310. 1983. German abstract only. WR 193
[Abt. Physiol. Ökol., Inst. Biol. III, Univ. Tübingen, Auf der Morgenstelle 28, D-7400 Tübingen 1, West Germany]

84-004007 Mills, M. G. L. MATING AND DENNING BEHAVIOUR OF THE BROWN HYAENA *HYAENA BRUNNEA* AND COMPARISONS WITH OTHER HYAENIDAE. *Z. Tierpsychol.* 63(4):331-342. Dec. 1983. In English with German summ. WR 193
[Kruger Natl. Park, Private Bag X402, Skukuza 1350, South Africa]

84-004008 Owens, Mark J. and Delia D. Owens. FEEDING ECOLOGY AND SOCIAL ORGANIZATION OF BROWN HYENAS (*HYAENA BRUNNEA*, THUNBERG) OF THE CENTRAL KALAHARI DESERT. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 495-499. 1983. WR 193
[P.O. Box 86, Montreat, NC 28757]

84-004009 Pythal, C.; K. Madhavan Pillai; C. George Varghese and P. Narendran Nair. A NEW SPECIES OF *EUPARADISTOMUM* TUBANGUI, 1931 (TREMATODA: DICROCOELIIDAE) FROM THE CAT (*FELIS DOMESTICUS* L.) AND THE MONGOOSE (*HERPESTES EDWARDSII EDWARDSII* GEOFFROY) IN KERALA. *Kerala J. Vet. Sci.* 14(1):104-110. June 1983. WR 193
[Dep. Parasitol., Coll. Vet. & Anim. Sci., Mannuthy, India]

OTHER CARNIVORES (CONTINUED)

84-004010 Shepherd, A. J.; P. A. Leman and E. K. Hartwig. ANALYSIS OF VIVERRID SCATS FROM THE NORTHERN ORANGE FREE STATE. *S. Afr. J. Zool.* 18(4):400-401. Nov. 1983. In English. WR 193
[Med. Ecol. Unit, Natl. Inst. Virol., Private Bag X4, Sandringham 2131, South Africa] *Cynictis penicillata*.

84-004011 Siegfried, W. R. AN ANALYSIS OF FAECAL PELLETS OF THE BROWN HYAENA ON THE NAMIB COAST. *S. Afr. J. Zool.* 19(1):61. Jan. 1984. In English with Afrikaans summ. WR 193
[FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Hyaena brunnea* in Namibia.

84-004012 Stuart, C. T. FOOD OF THE LARGE GREY MONGOOSE *HERPESTES ICHNEUMON* IN THE SOUTH-WEST CAPE PROVINCE. *S. Afr. J. Zool.* 18(4):401-403. Nov. 1983. In English. WR 193
[Albany Mus., Somerset St., Grahamstown 6140, South Africa]

MARINE MAMMALS

84-004013 Au, Whitlow W. L. and Patrick W. B. Moore. RECEIVING BEAM PATTERNS AND DIRECTIVITY INDICES OF THE ATLANTIC BOTTLENOSE DOLPHIN *TURSIOPS TRUNCATUS*. *J. Acoust. Soc. Am.* 75(1):255-262. Jan. 1984. WR 193
[Naval Ocean Systems Cent., Kailua, HI 96734]

84-004014 Bazzini, Maria D.; John Reynolds and Richard Essman. HEMOPOIESIS IN THE WEST INDIAN MANATEE, *TRICHECHUS MANATUS*. *Fla. Sci.* 47(Suppl. 1):19. 1984. Abstract only. WR 193
[Dep. Biol., Eckerd Coll., St. Petersburg, FL 33733]

84-004015 Bjørge, Arne; Kjell-Arne Fagerheim and Brynjar Mørkved. TELLING AV STEINKOBBE VED HVALER I 1983. [COUNT OF COMMON SEALS, *PHOCA VITULINA*, AT HVALER IN OUTER OSLOFJORD, NORWAY, 1983.] *Fisken Havet* 1983(3):1-4. 1983. In Norwegian with English summ. WR 193

84-004016 Bonde, Robert K.; Thomas J. O'Shea and Cathy A. Beck. MANUAL OF PROCEDURES FOR THE SALVAGE AND NECROPSY OF CARCASSES OF THE WEST INDIAN MANATEE (*TRICHECHUS MANATUS*). *U.S. Fish Wildl. Serv., Gainesville, Fla.* 184p. Sept. 1983. From U.S. Government Reports 83(24):6037. 25 Nov. 1983. Available from NTIS as PB83-255273. WR 193

84-004017 Bonner, W. Nigel. SEALS OF THE GALAPAGOS ISLANDS. *Biol. J. Linn. Soc.* 21(1-2):177-184. Jan.-Feb. 1984. WR 193
[British Antarctic Surv., Nat. Environ. Res. Council, Madingley Rd., Cambridge CB3 0ET, England] *Arctocephalus galapagoensis* and *Zalophus californianus woolebaeki*.

MARINE MAMMALS (CONTINUED)

84-004018 Boschung, Herbert T., Jr.; James D. Williams; Daniel W. Gotshall; David K. Caldwell and Melba C. Caldwell. THE AUDUBON SOCIETY FIELD GUIDE TO NORTH AMERICAN FISHES, WHALES, AND DOLPHINS. *Alfred A. Knopf (New York)* viii + 848p. 1983. WR 193

84-004019 Brown, W. R.; J. R. Geraci; B. D. Hicks; D. J. St. Aubin and J. P. Schroeder. EPIDERMAL CELL PROLIFERATION IN THE BOTTLENOSE DOLPHIN *(TURSIOPS TRUNCATUS)*. *Can. J. Zool.* 61(7):1587-1590. July 1983. In English with French summ. WR 193
[Geraci: Wildl. Sect., Dep. Pathol., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-004020 Buhr, R. and W. E. Evans. REPORT ON ONR CONFERENCE ON 'DOLPHIN BEHAVIOR AND COGNITION: COMPARATIVE AND ECOLOGICAL ASPECTS', HUBBS-SEA WORLD RESEARCH INSTITUTE, SAN DIEGO, CALIFORNIA, 92109, JULY 6-9, 1983. *Hubbs Sea World Res. Inst.* HSWRI/TR-83-162. 20p. Nov. 1983. From U.S. Government Reports 84(6):73. 16 Mar. 1984. Available from NTIS as AD-A136 087/4. WR 193

84-004021 Carroll, Gerald F. BORN AGAIN SEAL. *Nat. Hist.* 91(7):40-47. July 1982. WR 193
Mirounga angustirostris in California.

84-004022 Crovetto, Angel and Haroldo Toro. PRESENCE DE *KOGIA SIMUS* (CETACEA, PHYSETERIDAE) DANS LES EAUX CHILIENNES. [PRESENCE OF *KOGIA SIMUS* (CETACEA, PHYSETERIDAE) IN THE CHILIAN WATERS.] *Mammalia* 47(4):591-593. 1983. In French. WR 193
[Lab. Anat., Univ. Austral Chile, Valdivia, Chile]

84-004023 Davis, Randall W. LACTATE AND GLUCOSE METABOLISM IN THE RESTING AND DIVING HARBOR SEAL *(PHOCA VITULINA)*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 153(2):275-288. 1983. WR 193
[Physiol. Res. Lab., A-004, Scripps Inst. Oceanogr., La Jolla, CA 92093]

84-004024 Dawson, William W.; G. Marion Hope; Robert J. Ulshafer; Minnie N. Hawthrone and Robert L. Jenkins. CONTENTS OF THE OPTIC NERVE OF A SMALL CETACEAN. *Aquat. Mamm.* 10(2):45-56. Aug. 1983. WR 193
[Dep. Opthalmol., Coll. Med., Univ. Fla., Gainesville] *Tursiops truncatus*.

84-004025 Dierauf, L. A. and S. A. Dougherty. EARLY EVALUATION OF NEONATAL HARBOR SEAL (*PHOCA VITULINA RICHARDSI*) HEALTH STATUS I: PRELIMINARY REPORT. *J. Zoo Anim. Med.* 14(4):138-144. Dec. 1983. WR 193
[Calif. Mar. Mammal Cent., Fort Cronkhite 94965]

84-004026 Dittrich, Lothar. WACHSTUM UND ENTWICKLUNG ZOOGEBORENER KALIFORNISCHER SEELÖWEN (*ZALOPHUS CALIFORNIANUS*). [GROWTH AND DEVELOPMENT OF ZOO BORN CALIFORNIA SEA LIONS (*ZALOPHUS CALIFORNIANUS*).] *Zool. Gart.* 53(3/5):203-216. 1983. In German with English summ. WR 193
[Zool. Gart., Adenauerallee 3, D-3000 Hannover, West Germany]

84-004027 Dral, A. D. G. THE RETINAL GANGLION CELLS OF *DELPHINUS DELPHIS* AND THEIR DISTRIBUTION. *Aquat. Mamm.* 10(2):57-68. Aug. 1983. WR 193
[Netherlands Inst. Sea Res., Texel, Netherlands]

84-004028 Dudok van Heel, W. H. CHLORINATION IN MARINE MAMMAL POOLS: A REAPPRAISAL. *Aquat. Mammals* 10(1):23-30. Apr. 1983. WR 193
[Netherlands Foundation Aquat. Mammal Res., Postbus 452, 3840 AL Harderwijk, Netherlands]

84-004029 Duffield, Deborah A.; Sam H. Ridgway and Lanny H. Cornell. HEMATOLOGY DISTINGUISHES COASTAL AND OFFSHORE FORMS OF DOLPHINS (*TURSIOPS*). *Can. J. Zool.* 61(4):930-933. Apr. 1983. In English with French summ. WR 193
[Dep. Biol., Portland State Univ., Portland, OR 97201] *Tursiops truncatus*.

84-004030 Eberhardt, L. L. and R. J. Hofman. EXISTING PROGRAMS, TECHNOLOGY, AND REQUIREMENTS RELATIVE TO THE CONSERVATION AND PROTECTION OF MARINE MAMMALS IN THE US FISHERY CONSERVATION ZONE AND IN THE SOUTHERN OCEAN. *Battelle Pac. Northwest Lab., Richland, Wash.* 10p. July 1980. From U.S. Government Reports 83(16):3846. 5 Aug. 1983. Available from NTIS as DE83002658. WR 193

84-004031 Fallis, B. W.; W. E. Klenner and J. B. Kemper. NARWHAL SURVEYS AND ASSOCIATED MARINE MAMMAL OBSERVATIONS IN ADMIRALTY INLET, NAVY BOARD INLET, AND ECLIPSE SOUND, BAFFIN ISLAND, N.W.T., DURING 1974-1976. *Can. Fish. Aquatic Sci. Tech. Rep.* No. 1211. iv + 20p. Dec. 1983. In English with French summ. WR 193
[Dep. Fish & Oceans, Winnipeg, Manitoba, Canada R3T 2N6] *Monodon monoceros*, *Delphinapterus leucas*, *Balaena mysticetus* and *Phoca groenlandica*.

84-004032 Fraker, Mark A. DISTRIBUTION, NUMBERS AND PRODUCTIVITY OF THE WESTERN ARCTIC BLOCK OF WHALES (*BALAENA MYSTICETUS*) IN THE EASTERN BEAUFORT SEA AND AMUNDSEN GULF, SUMMER 1981. *Proc. Alaska Sci. Conf.* 33:38. Sept. 1982. Abstract only. WR 193
[Environ. Affairs Dep., Sohio Alaska Petrol. Co., Pouch 6-612, Anchorage 99502]

84-004033 Hoyt, Erich. KILLERS AT LARGE. *Nat. Can. (Ottawa)* 11(2):4-11. Apr.-June 1982. WR 193
Orcinus orca in Canada.

84-004034 James, P. S. B. R. and R. Soundararajan. AN OSTEOLOGICAL STUDY ON THE SPERM WHALE *PHYSETER MACROCEPHALUS* LINNAEUS FROM INDIAN OCEAN. *Indian J. Fish.* 28(1-2):217-232. 1981. WR 193
[Cent. Mar. Fish. Res. Inst., Cochin, India]

84-004035 Johnson, Murray L.; Steven J. Jeffries and Lawrence H. Cargol. HEALTH AND DISEASE IN NATURAL POPULATIONS OF MARINE MAMMALS, IN COLLECTED AND STRANDED ANIMALS. *Proc. Alaska Sci. Conf.* 33:44. Sept. 1982.

MARINE MAMMALS (CONTINUED)

84-004035 CONTINUED Abstract only. WR 193
[Mus. Nat. Hist., Univ. Puget Sound, Tacoma, WA 98416]

84-004036 Jones, S. THE PRESENT STATUS OF THE DUGONG IN THE INDO-SRI LANKA WATERS. *Loris* 16(3):139-141. June 1983. WR 193
Dugong dugon.

84-004037 Kerley, G. I. H. RELATIVE POPULATION SIZES AND TRENDS, AND HYBRIDIZATION OF FUR SEALS *ARCTOCEPHALUS TROPICALIS* AND *A. GAZELLA* AT THE PRINCE EDWARD ISLANDS, SOUTHERN OCEAN. *S. Afr. J. Zool.* 18(4):388-392. Nov. 1983. In English with Afrikaans summ. WR 193
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-004038 Klevezal, G. A. and A. C. Myrick, Jr. MARKS IN TOOTH DENTINE OF FEMALE DOLPHINS (GENUS *STENELLA*) AS INDICATORS OF PARTURITION. *J. Mammal.* 65(1):103-110. 28 Feb. 1984. WR 193
[N. K. Koltzov Inst. Dev. Biol., USSR Acad. Sci., Moscow, USSR] *S. attenuata*.

84-004039 Krogman, Bruce D. and David J. Rugh. INSTRUCTIONS FOR CONDUCTING A CENSUS OF BOWHEAD WHALES FROM ICE-BASED OBSERVATION SITES NEAR POINT BARROW, ALASKA. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* F/NWC-45. 54p. Apr. 1983. From Monthly Catalog of U.S. Government Publications 84-2648. Jan. 1984. WR 193
Balaena mysticetus in Alaska.

84-004040 Lal Mohan, R. S. A NOTE ON THE FETUSES OF THE DOLPHINS *TURSIOPS ADUNCUS* AND *SOUSA PLUMBEA* FROM THE SOUTH WEST COAST OF INDIA. *Indian J. Fish.* 29(1-2):249-252. 1982. WR 193
[Cent. Mar. Fish. Res. Inst., Res. Cent., Calicut, India]

84-004041 Ljungblad, D. K.; S. E. Moore; D. R. Van Schoik and C. S. Winchell. AERIAL SURVEYS OF ENDANGERED WHALES IN THE BEAUFORT, CHUKCHI & NORTHERN BERING SEAS. *Naval Oceans Systems Cent., San Diego* NOSC/TD-486. 378p. Mar. 1982. From U.S. Government Reports 83(16):3846. 5 Aug. 1983. Available from NTIS as AD-A126 542/0. WR 193

84-004042 Ljungblad, D. K.; S. E. Moore and D. R. Van Schoik. AERIAL SURVEYS OF ENDANGERED WHALES IN THE BEAUFORT, EASTERN CHUKCHI, AND NORTHERN BERING SEAS, 1982. *Naval Ocean Syst. Cent., San Diego, Calif.* 390p. June 1983. From U.S. Government Reports 84(4):90-91. 17 Feb. 1984. Available from NTIS as AD-A134 772/3. WR 193

84-004043 Ljungblad, Donald K. and Sue E. Moore. KILLER WHALES (*ORCINUS ORCA*) CHASING GRAY WHALES (*ESCHRICHTIUS ROBUSTUS*) IN THE NORTHERN BERING SEA. *Arctic* 36(4):361-364. Dec. 1983. WR 193
[Naval Ocean Systems Cent., Code 5131, San Diego, CA 92152]

84-004044 Loughlin, Thomas R.; Lewis Consiglieri; Robert L. Delong and Ann T. Actor. INCIDENTAL CATCH OF MARINE MAMMALS BY FOREIGN FISHING VESSELS, 1978-81. *Mar. Fish. Rev.* 45(7-9):44-49. July-Sept. 1983. WR 193
[Natl. Mar. Fish. Serv., NOAA, 7600 Sand Point Way N.E., Seattle, WA 98115]

84-004045 McConnell, L. C. and R. W. Vaughan. SOME BLOOD VALUES IN CAPTIVE AND FREE-LIVING COMMON SEALS (*PHOCA VITULINA*). *Aquat. Mammals* 10(1):9-13. Apr. 1983. WR 193
[Sea Mammal Res. Unit, British Antarct. Surv., High Cross, Madingley Rd., Cambrige CB3 OET, England]

84-004046 Medway, W. EXAMINATION OF BLOOD AND URINE FROM ESKIMO KILLED BOWHEAD WHALES (*BALAENA MYSTICETUS*). *Aquat. Mammals* 10(1):1-8. Apr. 1983. WR 193
[School Vet. Med., Univ. Pa., Philadelphia 19104]

84-004047 Medway, William. EVALUATION OF THE SAFETY AND USEFULNESS OF TECHNIQUES AND EQUIPMENT USED TO OBTAIN BIOPSIES FROM FREE-SWIMMING CETACEANS. *Pa. Univ., Philadelphia* 18p. Sept. 1983. From U.S. Government Reports 83(26):6456. 23 Dec. 1983. Available from NTIS as PB83-263269. WR 193

84-004048 Meith, Nikki. SAVING THE SMALL CETACEANS. *Ambio* 13(1):2-13. 1984. WR 193
[UNEP, Regional Seas Program Activity Center, Palais des Nations, 1211 Geneva 10, Switzerland]

84-004049 Myrick, Albert C., Jr.; Aleta A. Hohn; Priscilla A. Sloan; Makoto Kimura and Drew D. Stanley. ESTIMATING AGE OF SPOTTED AND SPINNER DOLPHINS (*STENELLA ATTENUATA* AND *STENELLA LONGIROSTRIS*) FROM TEETH. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* SWFC-30. 25p. Apr. 1983. From U.S. Government Reports 83(20):4892. 30 Sept. 1983. Available from NTIS as PB83-222265. WR 193

84-004050 Ochrymowych, Christina and Richard H. Lambertsen. ANATOMY AND VASCULATURE OF A MINKE WHALE HEART. *Am. J. Anat.* 169(2):165-175. Feb. 1984. WR 193
[N.Y. State Coll. Vet. Med., Cornell Univ., Ithaca 14853] *Balaenoptera acutorostrata*.

84-004051 Oliver, John S.; Peter N. Slattery; Edmund F. O'Connor and Lloyd F. Lowry. WALRUS, *ODOBENUS ROSMARUS*, FEEDING IN THE BERING SEA: A BENTHIC PERSPECTIVE. *U.S. Natl. Mar. Fish. Serv. Fish. Bull.* 81(3):501-512. July 1983. WR 193
[Moss Landing Mar. Lab., Moss Landing, CA 95039]

84-004052 Oliver, John S.; Peter N. Slattery; Mark A. Silberstein and Edmund F. O'Connor. A COMPARISON OF GRAY WHALE, *ESCHRICHTIUS ROBUSTUS*, FEEDING IN THE BERING SEA AND BAJA CALIFORNIA. *U.S. Natl. Mar. Fish. Serv. Fish. Bull.* 81(3):513-522. July 1983. WR 193
[Moss Landing Mar. Lab., Moss Landing, CA 95039]

MARINE MAMMALS (CONTINUED)

84-004053 Panagis, K. LOCAL MOVEMENT OF SOUTHERN ELEPHANT SEAL PUPS *MIROUNGA LEONINA* (LINN.) AT MARION ISLAND. *S. Afr. J. Antarct. Res.* 10/11:28-31. 1981. In English with Afrikaans summ. WR 193
[Mammal Res. Inst., Univ. Pretoria, Pretoria 0002, South Africa]

84-004054 Pilleri, Georg. THE SONAR SYSTEM OF THE DOLPHINS. *Endeavour New Ser.* 7(2):59-64. 1983. WR 193

84-004055 Polacheck, Tom. POSSIBLE EFFECTS OF SAMPLING BIASES ON REPRODUCTION RATE ESTIMATES FOR DOLPHINS IN THE EASTERN TROPICAL PACIFIC. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* SWFC-26. 31p. Mar. 1983. From U.S. Government Reports 83(21):5097. 14 Oct. 1983. Available from NTIS as PB83-226449. WR 193
Stenella attenuata.

84-004056 Renouf, Deane and M. Benjamin Davis. EVIDENCE THAT SEALS MAY USE ECHOLOCATION. *Nature* 300(5893):635-637. 16 Dec. 1982. WR 193
[Dep. Psychol., Memorial Univ., Newfoundland, St. John's, Newfoundland, Canada A1B 3X9] *Phoca vitulina*.

84-004057 Schevill, William E. and Karen E. Moore. TOWNSEND'S UNMAPPED NORTH ATLANTIC RIGHT WHALES (*EUBALAENA GLACIALIS*). *Woods Hole Oceanogr. Inst. Tech. Rep.* WHOI-CONTRIB-5241. 10p. 1983. From U.S. Government Reports 83(20):4891. 30 Sept. 1983. Available from NTIS as AD-A129 511/2. WR 193

84-004058 Shallenberger, Robert J. A SEAL SLIPS AWAY. *Nat. Hist.* 91(12):48-53. Dec. 1982. WR 193
Monachus schauinslandi in Hawaii.

84-004059 Shane, S. H.; R. S. Wells; B. Wuersig and D. K. Odell. REVIEW OF THE ECOLOGY, BEHAVIOR, AND LIFE HISTORY OF THE BOTTLENOSE DOLPHIN. *Univ. Southern Miss., Hattiesburg* 78p. Nov. 1982. From U.S. Government Reports 84(3):74. 3 Feb. 1984. Available from NTIS as PB84-117613. WR 193
Tursiops truncatus.

84-004060 Sleeper, Barbara. MANATEE. *Pac. Discovery* 37(1):14-22. Jan.-Mar. 1984. WR 193
Trichechus manatus.

84-004061 Smith, G. J. D.; A. J. Read and D. E. Gaskin. INCIDENTAL CATCH OF HARBOR PORPOISE, *PHOCOENA PHOCOENA* (L.), IN HERRING WEIRS IN CHARLOTTE COUNTY, NEW BRUNSWICK, CANADA. *U.S. Natl. Mar. Fish. Serv. Fish. Bull.* 81(3):660-662. July 1983. WR 193
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-004062 Smith, T. D. and N. C. H. Lo. SOME DATA ON DOLPHIN MORTALITY IN THE EASTERN TROPICAL PACIFIC TUNA PURSE SEINE FISHERY PRIOR TO 1970. *U.S. Natl. Mar. Fish. Serv. Tech. Mem.* SWFC-34. 33p. Aug. 1983. From U.S. Government Reports 84(2):136. 20 Jan. 1984. Available from NTIS as PB84-101146. WR 193

MARINE MAMMALS (CONTINUED)

84-004063 Sonafrank, N.; R. Elsner and D. Wartzuk. THE USE OF ACOUSTIC CUES IN UNDER-ICE NAVIGATION BY A SPOTTED SEAL (*PHOCA LARGHA*). *Proc. Alaska Sci. Conf.* 34:77. 1983. Abstract only. WR 193
[Inst. Mar. Sci., Univ. Alaska, Fairbanks]

84-004064 Stewart, Brent S. and William T. Everett. INCIDENTAL CATCH OF A RIBBON SEAL (*PHOCA FASCIATA*) IN THE CENTRAL NORTH PACIFIC. *Arctic* 36(4):369. Dec. 1983. WR 193
[Hubbs-Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-004065 Stewart, R. E. A.; B. E. Webb; D. M. Lavigne and F. Fletcher. DETERMINING LACTOSE CONTENT OF HARP SEAL MILK. *Can. J. Zool.* 61(5):1094-1100. May 1983. In English with French summ. WR 193
[Dep. Fish. & Oceans, Freshwater Inst., 501 University Crescent, Winnipeg, Manitoba, Canada R3T 2N6]

84-004066 Stewart, Robert Edward Arnold. BEHAVIOURAL AND ENERGETIC ASPECTS OF REPRODUCTIVE EFFORT IN FEMALE HARP SEALS, *PHOCA GROENLANDICA*. *Ph.D. dissertation, Univ. Guelph (Canada)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2679-2680. Mar. 1984. WR 193

84-004067 Stoskopf, Michael K.; Lawrence W. Hirst and David Graham. OCULAR ANTERIOR SEGMENT DISEASE IN CAPTIVE PINNIPEDS. *Aquat. Mamm.* 10(2):34-44. Aug. 1983. WR 193
[Natl. Aquarium, Baltimore, MD]

84-004068 Swartzman, G. L. and R. T. Haar. INTERACTIONS BETWEEN FUR SEAL POPULATIONS AND FISHERIES IN THE BERING SEA. *Cent. Quantitative Sci., Wash. Univ., Seattle* 12p. 1983. From U.S. Government Reports 83(26):6456. 23 Dec. 1983. Available from NTIS as PB83-264994. WR 193
Callorhinus ursinus.

84-004069 Tee Es Yoo. WHALES OFF TRINCOMALEE. *Loris* 16(3):114-115. June 1983 WR 193

84-004070 Thomas, Jeanette A.; Sheldon R. Fisher and Lisa M. Ferm. ACOUSTIC SURVEYS FOR MARINE MAMMALS USING A TOWED HYDROPHONE ARRAY. *J. Acoust. Soc. Am.* 75(suppl. 1):S51. 1984. Abstract only. WR 193
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-004071 Thomas, Jeanette A. and Ian Stirling. GEOGRAPHIC VARIATION IN THE UNDERWATER VOCALIZATIONS OF WEDDELL SEALS (*LEPTONYCHOTES WEDDELLI*) FROM PALMER PENINSULA AND McMURDO SOUND, ANTARCTICA. *Can. J. Zool.* 61(10):2203-2212. Oct. 1983. In English with French summ. WR 193
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-004072 Thomas, Jeanette A. and Douglas P. DeMaster. PARAMETERS AFFECTING SURVIVAL OF WEDDELL SEAL PUPS (*LEPTONYCHOTES WEDDELLI*) TO WEANING. *Can. J. Zool.* 61(9):2078-2083. Sept. 1983. In English with

MARINE MAMMALS (CONTINUED)

84-004072 CONTINUED French summ. WR 193
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-004073 Thomas, Jeanette A.; Kathlean C. Zinnel and Lisa M. Ferm. ANALYSIS OF WEDDELL SEAL (*LEPTONYCHOTES WEDDELLI*) VOCALIZATIONS USING UNDERWATER PLAYBACKS. *Can. J. Zool.* 61(7):1448-1456. July 1983. In English with French summ. WR 193
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-004074 Thomas, Jeanette A. and Douglas P. DeMaster. DIEL HAUL-OUT PATTERNS OF WEDDELL SEAL (*LEPTONYCHOTES WEDDELLI*) FEMALES AND THEIR PUPS. *Can. J. Zool.* 61(9):2084-2086. Sept. 1983. In English with French summ. WR 193
[Hubbs Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-004075 Thomas, Peter O. and Sara M. Taber. MOTHER-INFANT INTERACTION AND BEHAVIORAL DEVELOPMENT IN SOUTHERN RIGHT WHALES, *EUBALAENA AUSTRALIS*. *Behaviour* 88(1-2):42-60. 1984. In English with Spanish summ. WR 193
[Anim. Behav. Grad. Group, Univ. Calif., Davis]

84-004076 van Nie, C. J. THE CONDUCTING SYSTEM IN THE HEART OF THE COMMON SEAL (*PHOCA VITULINA VITULINA*). *Aquat. Mammals* 10(1):18-22. Apr. 1983. WR 193
[Vakgroep Anat. & Biochem., Med. Fac., Vrije Univ., van der Boechor Ststr. 7, 1081 BT Amsterdam, Netherlands]

84-004077 Vaughan, R. William. SEALS IN THE INNER HEBRIDES. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:219-228. 1983. WR 193
[Nat. Environ. Res. Council, Sea Mammal Res. Unit, c/o British Antarctic Surv., Madingley Rd., Cambridge CB3 OET, England] *Phoca vitulina* and *Halichoerus grypus*.

84-004078 Waring, George H. SURVEY OF FEDERALLY-FUNDED MARINE MAMMAL RESEARCH AND STUDIES, FY70-FY82. *Dep. Zool., Southern Ill. Univ., Carbondale* 91p. Aug. 1983. From U.S. Government Reports 83(26):6485. 23 Dec. 1983. Available from NTIS as PB83-262998. WR 193

84-004079 Watkins, William A. and William E. Schevill. OBSERVATIONS OF RIGHT WHALES, '*EUBALAENA GLACIALIS*', IN CAPE COD WATERS. *Woods Hole Oceanogr. Inst.* CONTRIB-4642. 6p. 1982. From U.S. Government Reports 83(21):5097. 14 Oct. 1983. Available from NTIS as PB83-223545. WR 193

84-004080 Watkins, William A. and William E. Schevill. OBSERVATIONS OF RIGHT WHALES, *EUBALAENA GLACIALIS*, IN CAPE COD WATERS. *Woods Hole Oceanogr. Inst. Tech. Rep.* WHOI-CONTRIB-4642. 8p. May 1982. From U.S Government Reports 83(24):6065. 25 Nov. 1983. Available from NTIS as AD-A131 559/7. WR 193

MARINE MAMMALS (CONTINUED)

84-004081 Weigle, Bradley L. ABUNDANCE AND MOVEMENT OF BOTTLENOSE DOLPHINS, *TURSIOPS TRUNCATUS*, IN TAMPA BAY, FLORIDA DURING 1983. *Fla. Sci.* 47(Suppl. 1):19. 1984. Abstract only. WR 193
[Univ. South Fla., Dep. Mar. Sci., 140 7th Ave. South, St. Petersburg 33701]

84-004082 Whitehead, Hal. STRUCTURE AND STABILITY OF HUMPBACK WHALE GROUPS OFF NEWFOUNDLAND. *Can. J. Zool.* 61(6):1391-1397. June 1983. In English with French summ. WR 193
[Inst. Cold Ocean Sci., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada A1B 3X7] *Megaptera novaeangliae*.

84-004083 Wood, F. G. ANNOTATED BIBLIOGRAPHY OF PUBLICATIONS FROM THE NAVY'S MARINE MAMMAL PROGRAM, UPDATE. *Naval Ocean Systems Cent., San Diego* 50p. 1 Jan. 1983. From U.S. Government Reports 83(25):6260. 9 Dec. 1983. Available from NTIS as AD-131 831/0. WR 193

84-004084 Yablokov, A. V.; W. F. Perrin and M. V. Mina. [EVALUATION OF PHENETIC RELATIONS AMONG GROUPS OF DOLPHINS USING ANALYSIS OF NON-METRIC CRANIAL VARIATION.] *Zool. Zh.* 62(12):1887-1896. Dec. 1983. In Russian with English summ. WR 193
[Inst. Dev. Biol., Acad. Sci., Moscow, USSR] *Stenella attenuata* and *S. longirostris* in Mexico and Central America.

UNGULATES--GENERAL

84-004085 Hatton, J. C. and N. O. E. Smart. THE EFFECT OF LONG-TERM EXCLUSION OF LARGE HERBIVORES ON SOIL NUTRIENT STATUS IN MURCHISON FALLS NATIONAL PARK, UGANDA. *Afr. J. Ecol.* 22(1):23-30. Mar. 1984. In English with French summ. WR 193
[Dep. Bot. & Microbiol., Univ. Coll. London, Gower St., London WC1E 6BT, England]

84-004086 Horak, I. G.; F. T. Potgieter; Jane B. Walker; V. De Vos and J. Boomker. THE IXODID TICK BURDENS OF VARIOUS LARGE RUMINANT SPECIES IN SOUTH AFRICAN NATURE RESERVES. *Onderstepoort J. Vet. Res.* 50(3):221-228. Sept. 1983. WR 193
[Tick Res. Unit, Rhodes Univ., Grahamstown 6140, South Africa]

84-004087 Janzen, Daniel H. DISPERSAL OF SMALL SEEDS BY BIG HERBIVORES: FOLIAGE IS THE FRUIT. *Am. Nat.* 123(3):338-353. Mar. 1984. WR 193
[Dep. Biol., Univ. Pa., Philadelphia 19104]

84-004088 Kuttler, K. L. *ANAPLASMA* INFECTIONS IN WILD AND DOMESTIC RUMINANTS: A REVIEW. *J. Wildl. Dis.* 20(1):12-20. Jan. 1984. WR 193
[USDA, Agric. Res. Serv., Wash. State Univ., Pullman 99164]

84-004089 Pellew, R. A. and B. J. Southgate. THE PARASITISM OF *ACACIA TORTILIS* SEEDS IN THE SERENGETI. *Afr. J. Ecol.* 22(1):73-75. Mar. 1984. In English with French summ. WR 193

UNGULATES--GENERAL (CONTINUED)

84-004089 CONTINUED
[Res. Group Mammal. Ecol. & Reprod., Physiol. Lab., Univ. Cambridge, Downing St., Cambridge CB2 3EG, England]

84-004090 Zarn, M. WILD UNGULATE FORAGE REQUIREMENTS - A REVIEW. *Denver Public Library* 111p. Nov. 1981. From U.S. Government Reports 84(1):36. 6 Jan. 1984. Available from NTIS as PB84-101864. WR 193

CERVIDS--GENERAL

84-004091 Eldridge, William. IMPACTO AMBIENTAL, ALIMENTACION Y CONDUCTA SOCIAL DE EL CIERVO ROJO Y DAMA EN EL SUR DE CHILE. [ENVIRONMENTAL IMPACT, FEEDING AND SOCIAL BEHAVIOR OF *CERVUS ELAPHUS* AND *C. DAMA* IN SOUTHERN CHILE.] *Bol. Tec. Corp. Nac. For. Chile* No. 9. iii + 53p. May 1983. In Spanish with English summ. WR 193

84-004092 Elliott, Henry Wood III. ECOLOGICAL RELATIONSHIPS OF CATTLE, AXIS DEER, FALLOW DEER, AND BLACK-TAILED DEER ON POINT REYES PENINSULA. *Ph.D. dissertation, Univ. Calif. (Davis)* 210p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1332. Nov. 1983. WR 193
Axis sp., *Cervus dama*, and *Odocoileus* sp. in California.

84-004093 Hearney, A. W. and T. J. Jennings. ANNUAL FOODS OF THE RED DEER (*CERVUS ELAPHUS*) AND THE ROE DEER (*CAPREOLUS CAPREOLUS*) IN THE EAST OF ENGLAND. *J. Zool. (Lond.)* 201(4):565-570. Dec. 1983. WR 193
[School Environ. Sci., Univ. East Anglia, Norwich NR4 7TJ, England]

84-004094 Henderson, T. G. YERSINIOSIS IN DEER FROM THE OTAGO-SOUTHLAND REGION OF NEW ZEALAND. *N.Z. Vet. J.* 31(12):221-224. Dec. 1983. WR 193
[Invermay Anim. Health Lab., Private Bag, Mosgiel, New Zealand]

84-004095 Henderson, T. G. and P. Hemmingsen. FAECAL SURVEY OF DEER FOR *YERSINIA PSEUDOTUBERCULOSIS* AND *SALMONELLA* SP. *N.Z. Vet. J.* 31(12):225-226. Dec. 1983. WR 193
[Invermay Anim. Health Lab., Private Bay, Mosgiel, New Zealand]

84-004096 Jones, D. M. PHYSICAL AND CHEMICAL METHODS OF CAPTURING DEER. *Vet. Rec.* 114(5):109-112. 4 Feb. 1984. WR 193
[Zool. Soc. London, Regent's Park, London NW1 4RY, England]

84-004097 Mason, P. C. and N. R. Gladden. SURVEY OF INTERNAL PARASITISM AND ANTHELMINTIC USE IN FARMED DEER. *N.Z. Vet. J.* 31(12):217-220. Dec. 1983. WR 193
[Invermay Anim. Health Lab., Private Bag, Mosgiel, New Zealand] *Cervus elaphus* and *Dama dama* in New Zealand.

CERVIDS--GENERAL (CONTINUED)

84-004098 Meuleman, Thomas; Jonathan D. Port; Theodore H. Stanley; Kenny F. Williard and John Kimball. IMMOBILIZATION OF ELK AND MOOSE WITH CARFENTANIL. *J. Wildl. Manage.* 48(1):258-262. Jan. 1984. WR 193
[Dep. Anesthesiol., Univ. Utah Med. Cent., Salt Lake City 84132] *Cervus elaphus* and *Alces alces* in Utah.

84-004099 Wilson, Peter. THE DEER INDUSTRY: A VETERINARY PERSPECTIVE. *N.Z. Vet. J.* 31(12):207-208. Dec. 1983. WR 193
[Fac. Vet. Sci., Massey Univ., Palmerston North, New Zealand]

ODOCOILEUS

84-004100 Allan, G. G.; D. I. Gustafson; R. A. Mikels; J. M. Miller and S. Neogi. REDUCTION OF DEER BROWSING OF DOUGLAS-FIR (*PSEUDOTSUGA MENZIESII*) SEEDLINGS BY QUADRIVALENT SELENIUM. *For. Ecol. Manage.* 7(3):163-181. Jan. 1984. WR 193
[Dep. Chem. Eng. & Coll. For. Resour., Univ. Wash., Seattle 98195] *Odocoileus* spp.

84-004101 Atkeson, Thomas Donnally. ASPECTS OF SOCIAL COMMUNICATION IN WHITE-TAILED DEER. *Ph.D. dissertation, Univ. Ga.* 177p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1374. Nov. 1983. WR 193
Odocoileus virginianus.

84-004102 Bartmann, R. M. ESTIMATING MULE DEER WINTER MORTALITY IN COLORADO. *J. Wildl. Manage.* 48(1):262-267. Jan. 1984. WR 193
[Colo. Div. Wildl., Res. Cent., 317 W. Prospect, Fort Collins 80526] *Odocoileus hemionus*.

84-004103 Bartmann, Richard M. APPRAISAL OF A QUADRAT CENSUS FOR MULE DEER IN PINYON-JUNIPER VEGETATION. *Colo. Div. Wildl. Game Inf. Leafl.* No. 109. 4p. Mar. 1983. WR 193
Odocoileus hemionus in Colorado.

84-004104 Bildstein, Keith L. WHY WHITE-TAILED DEER FLAG THEIR TAILS. *Am. Nat.* 121(5):709-715. May 1983. WR 193
[Dep. Biol., Winthrop Coll., Rock Hill, SC 29733] *Odocoileus virginianus* in Virginia.

84-004105 Bonwell, William R. FENCING FOR DEER CONTROL. *Proc. Great Plains Wildl. Damage Control Workshop* 6:60-62. 12 Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., Dixon Springs Agric. Cent., Simpson, IL 62985] *Odocoileus virginianus*.

84-004106 Bowyer, R. Terry and Vernon C. Bleich. DISTRIBUTION AND TAXONOMIC AFFINITIES OF MULE DEER, *ODOCOILEUS HEMIONUS*, FROM ANZA-BORREGO DESERT STATE PARK, CALIFORNIA. *Calif. Fish Game* 70(1):53-57. Jan. 1984. WR 193
[Cent. Environ. Sci., Unity Coll., Unity, ME 04988]

ODOCOILEUS (CONTINUED)

84-004107 Brisbin, I. Lehr, Jr. and Mark S. Lenarz. MORPHOLOGICAL COMPARISONS OF INSULAR AND MAINLAND POPULATIONS OF SOUTHEASTERN WHITE-TAILED DEER. *J. Mammal.* 65(1):44-50. 28 Feb. 1984. WR 193
[Savannah River Ecol. Lab., Drawer E, Aiken, SC 29801] *Odocoileus virginianus* in South Carolina.

84-004108 Campbell, Eugene and Robert Bruce. MAMMAL SURVEILLANCE SYSTEM. *U.S. Bur. Reclamation Tech. Rep.* 82-16. 49p. Mar. 1983. From U.S. Government Reports 83(25):6225. 9 Dec. 1983. Available from NTIS as PB83-251785. WR 193
Odocoileus spp.

84-004109 Chao, Chun Chin and Robert D. Brown. SEASONAL RELATIONSHIPS OF THYROID, SEXUAL AND ADRENOCORTICAL HORMONES TO NUTRITIONAL PARAMETERS AND CLIMATIC FACTORS IN WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) OF SOUTH TEXAS. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(2):299-306. 1984. WR 193
[Ceasar Kleberg Wildl. Res. Inst., Tex A&I Univ., Campus Box 218, Kingsville 78363]

84-004110 Chiodini, Rodrick J. and Herbert J. Van Kruiningen. EASTERN WHITE-TAILED DEER AS A RESERVOIR OF RUMINANT PARATUBERCULOSIS. *J. Am. Vet. Med. Assoc.* 182(2):168-169. 15 Jan. 1983. WR 193
[Dep. Pathol., Coll. Agric. & Nat. Resour., Univ. Conn., Storrs 06268] *Odocoileus virginianus* in Connecticut.

84-004111 Cohen, Yosef. A SIMPLIFIED APPROACH TO THE QUEUING MODEL OF WHITE-TAILED DEER HARVEST. *J. Wildl. Manage.* 48(1):271-275. Jan. 1984. WR 193
[Dep. Entomol., Fish & Wildl., Univ. Minn., St. Paul 55108] *Odocoileus virginianus*.

84-004112 Conlogue, G. C. and W. J. Foreyt. EXPERIMENTAL INFECTIONS OF *EIMERIA MCCORDOCKI* (PROTOZOA, EIMERIIDAE) IN WHITE-TAILED DEER. *J. Wildl. Dis.* 20(1):31-33. Jan. 1984. WR 193
[Dep. Vet. Microbiol. & Pathol., Wash. State Univ., Pullman 99164] *Odocoileus virginianus*.

84-004113 Couvillion, C. E.; D. C. Sheppard; V. F. Nettles and O. M. Bannaga. INTERMEDIATE HOSTS OF *ELAEOPHORA SCHNEIDERI* WEHR AND DIKMANS, 1935 ON SOUTH ISLAND, SOUTH CAROLINA. *J. Wildl. Dis.* 20(1):59-61. Jan. 1984. WR 193
[Southeastern Coop. Wildl. Dis. Study, Dep. Parasitol., Coll. Vet. Med., Univ. Ga., Athens 30602] *Odocoileus virginianus*.

84-004114 Crouch, G. L. POSTSEASON HUNTING TO REDUCE DEER DAMAGE TO DOUGLAS-FIR IN WESTERN OREGON. *U.S. For. Serv. Res. Note* PNW-349. 8p. Mar. 1980. From U.S. Government Reports 84(4):16. 17 Feb. 1984. Available from NTIS as PB84-127489. WR 193
Odocoileus hemionus.

84-004115 Crump, Douglas; Andrew A. Swigar; Janet R. West; Robert M. Silverstein; Dietland Müller-Schwarze and Richard Altieri. URINE FACTORS THAT RELEASE FLEHMEN IN BLACK-TAILED DEER, *ODOCOILEUS HEMIONUS COLUMBIANUS*. *J. Chem. Ecol*. 10(2):203-215. Feb. 1984. WR 193
[Chem. Div., DSIR, Private Bag, Petone, New Zealand]

84-004116 Dubey, J. P.; T. P. Kistner and Gayle Callis. DEVELOPMENT OF *SARCOCYSTIS* IN MULE DEER TRANSMITTED THROUGH DOGS AND COYOTES. *Can. J. Zool*. 61(12):2904-2912. Dec. 1983. In English with French summ. WR 193
[U.S. Dep. Agric., ARS, Anim. Parasitol. Inst., Rm. 2, Bldg. 1040, BARC-EAST, Beltsville, MD] *Odocoileus hemionus* in Oregon.

84-004117 Fielder, Paul C. and Charles E. McKay, Jr. VEGETATION TYPES USED BY MULE DEER FAWNS, MID-COLUMBIA RIVER, WASHINGTON. *Northwest Sci*. 58(1):80-84. Feb. 1984. WR 193
[Fish & Wildl. Operations, Chelan County P.U.D. P.O. Box 1231, Wanatchee, WA 98801] *Odocoileus hemionus*.

84-004118 George, John L.; Robert G. Wingard and William L. Palmer. PENN STATE'S 'FIVE-ALIVE' DEER FENCE. *Am. For*. 89(4):30-32, 59-63. Apr. 1983. WR 193
Odocoileus virginianus in Pennsylvania.

84-004119 Gladfelter, Lee. DEER IN IOWA - 1979. *Iowa Conserv. Comm. Wildl. Res. Bull*. No. 30. 19p. Oct. 1980. WR 193
Odocoileus virginianus.

84-004120 Gladfelter, Lee. DEER IN IOWA - 1982. *Iowa Conserv. Comm. Wildl. Res. Bull*. No. 34. vi + 24p. Aug. 1983. WR 193
Odocoileus virginianus.

84-004121 Huot, Jean. BODY CONDITION AND FOOD RESOURCES OF WHITE-TAILED DEER ON ANTICOSTI ISLAND, QUEBEC. *Ph.D. dissertation, Univ. Alaska* 258p. 1982. From Diss. Abstr. Int. B Sci. Eng. 44(8):2325. Feb. 1984. WR 193
Odocoileus virginianus in Canada.

84-004122 Kennedy, Phyllis K. and Michael L. Kennedy. GENETIC VARIATION IN WHITE-TAILED DEER FROM TENNESSEE. *J. Tenn. Acad. Sci*. 58(1/2):13. Jan.-Apr. 1983. Abstract only. WR 193
Odocoileus virginianus.

84-004123 Kopf, Virgil Eugene. THE RELATIONSHIP BETWEEN FOOD INTAKE AND THYROID HORMONE CONCENTRATIONS IN WHITE-TAILED DEER. *Ph.D. dissertation, Va. Polytech Inst. & State Univ*. 163p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1660. Dec. 1983. WR 193
Odocoileus virginianus.

84-004124 Kucera, Thomas E. HOW MULE DEER MATE IN TEXAS. *Nat. Hist*. 91(6):50-57. June 1982. WR 193
Odocoileus hemionus.

ODOCOILEUS (CONTINUED)

84-004125 Mackie, Richard J. NATURAL REGULATION OF MULE DEER POPULATIONS. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 112-125. Sept. 1983. WR 193
[Dep. Biol., Mont. State Univ., Bozeman] *Odocoileus hemionus hemionus.*

84-004126 Magnarelli, Louis A.; John F. Anderson and W. Adrian Chappell. ANTIBODIES TO SPIROCHETES IN WHITE-TAILED DEER AND PREVALENCE OF INFECTED TICKS FROM FOCI OF LYME DISEASE IN CONNECTICUT. *J. Wildl. Dis.* 20(1):21-26. Jan. 1984. WR 193
[Dep. Entomol., Conn. Agric. Exp. Stn., P.O. Box 1106, New Haven 06504] *Odocoileus virginianus.*

84-004127 Mooty, Jack J.; Patrick D. Karns and Dennis M. Heisey. THE RELATIONSHIP BETWEEN WHITE-TAILED DEER TRACK COUNTS AND PELLET-GROUP SURVEYS. *J. Wildl. Manage.* 48(1):275-279. Jan. 1984. WR 193
[Dep. Nat. Resour., For. Wildl. Popul. & Res. Group, Grand Rapids, MN 55744] *Odocoileus virginianus* in Minnesota.

84-004128 Pils, Charles M.; Mark A. Martin and James R. March. FOODS OF DEER IN SOUTHERN WISCONSIN. *Wis. Dep. Nat. Resour. Res. Rep.* No. 112. 14p. Dec. 1981. WR 193
[Dep. Nat. Resour., Box 7921, Madison, WI 53707] *Odocoileus virginianus.*

84-004129 Purdue, James R. METHODS OF DETERMINING SEX AND BODY SIZE IN PREHISTORIC SAMPLES OF WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*). *Trans. Ill. State Acad. Sci.* 76(3/4):351-357. 1983. WR 193
[Zool. Sect., Ill. State Mus., Springfield 62706]

84-004130 Soil Conservation Service. LAND MANAGEMENT FOR WHITE-TAILED DEER IN ALABAMA. *U.S. Dep. Agric. Soil Conserv. Serv.* 12p. 1983. From Monthly Catalog of U.S. Government Publications 84-2300. Jan. 1984. WR 193
Odocoileus virginianus.

84-004131 Stoll, Robert J., Jr. and Gregory L. Mountz. RURAL LANDOWNER ATTITUDES TOWARD DEER AND DEER POPULATIONS IN OHIO. *Ohio Fish Wildl. Rep.* 10:1-18. Aug. 1983. WR 193
[Waterloo Wildl. Exp. Stn., New Marshfield, OH 45766-9990] *Odocoileus virginianus.*

84-004132 Thill, R. E. DEER AND CATTLE FORAGE SELECTION ON LOUISIANA PINE-HARDWOOD SITES. *U.S. For. Serv. Res. Pap.* SO-196. 37p. Sept. 1983. From U.S. Government Reports 84(4):16. 17 Feb. 1984. Available from NTIS as PB84-126879. WR 193
Odocoileus virginianus.

84-004133 Walkins, B. E. and D. E. Ullrey. THYROID IODINE AND SERUM THYROID HORMONE LEVELS IN WILD WHITE-TAILED DEER (*ODOCOILEUS VIRGINIANUS*) FROM CENTRAL MICHIGAN. *Can. J. Zool.* 61(5):1116-1119.

ODOCOILEUS (CONTINUED)

84-004133 CONTINUED May 1983. In English with French summ. WR 193
[Chicago Zool. Soc., Brookfield Zoo, Brookfield, IL 60513]

84-004134 Warren, Robert J.; Roy L. Kirkpatrick; David F. Gibson and Patrick F. Scanlon. XYLAZINE HYDROCHLORIDE-INDUCED ANOREXIA IN WHITE-TAILED DEER. *J. Wildl. Dis.* 20(1):66-68. Jan. 1984. WR 193
[School For. Resour., Univ. Ga., Athens 30602] *Odocoileus virginianus*.

84-004135 Westrom, Dale R. and John R. Anderson. THE POPULATION DYNAMICS OF *SOLENOPOTES FERRISI* (ANOPLURA: LINOGNATHIDAE) ON THE COLUMBIAN BLACK-TAILED DEER *ODOCOILEUS HEMIONUS COLUMBIANUS*. *Can. J. Zool.* 61(9):2060-2063. Sept. 1983. In English with French summ. WR 193
[Letterman Army Med. Cent., Dep. Dermatol., San Francisco, CA 94129]

84-004136 Wiggers, Ernie P. CHARACTERIZATION OF ADJACENT DESERT MULE AND WHITE-TAILED DEER HABITATS IN WEST TEXAS. *Ph.D. dissertation, Tex. Tech Univ.* 48p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1291. Nov. 1983. WR 193
Odocoileus virginianus texanus and *O. hemionus crooki*.

OTHER CERVIDS

84-004137 Bergerud, A. T. THE NATURAL POPULATION CONTROL OF CARIBOU. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 14-61. Sept. 1983. WR 193
[Biol. Dep., Univ. Victoria, Victoria, British Columbia, Canada] *Rangifer tarandus*.

84-004138 Bideau, E.; J.-P. Vincent; J.-P. Quere and J.-M. Angibault. NOTE SUR L'ÉVOLUTION DE L'ASSOCIATION MÉRE-JEUNE CHEZ LE CHEVREUIL (*CAPREOLUS CAPREOLUS* L. 1758) ÉTUDIÉE PAR LA TECHNIQUE DU RADIO-TRACKING. [EVOLUTION OF MOTHER-YOUNG ASSOCIATION IN THE ROE-DEER (*CAPREOLUS CAPREOLUS* L. 1758) STUDIED BY RADIO-TRACKING.] *Mammalia* 47(4):477-482. 1983. In French with English summ. WR 193
[Lab. Faune Sauvage, INRA, 78350 Jouy-en-Josas, France]

84-004139 Brooks, John III; Melvin Anderson and Philip J. Urness. INFRARED REFLECTANCE ANALYSIS OF FORAGE QUALITY FOR ELK. *J. Wildl. Manage.* 48(1):254-258. Jan. 1984. WR 193
[Agric. Exp. Stn., Univ. Alaska, Kotzebue 99752] *Cervus elaphus*.

84-004140 Caldwell, J. F.; D. I. Chapman and Norma Chapman. OBSERVATIONS ON THE AUTUMN AND WINTER DIET OF FALLOW DEER (*DAMA DAMA*). *J. Zool. (Lond.)* 201(4):559-563. Dec. 1983. WR 193
[84 Park Dr., Upminster, Essex, England]

OTHER CERVIDS (CONTINUED)

84-004141 Carruthers, Dan R. THE MYTH OF THE CENTRAL ARCTIC HERD. *Proc. Alaska Sci. Conf.* 34:12. 1983. Abstract only. WR 193
[Renewable Resour. Consult. Serv. Ltd., Sidney, British Columbia, Canada] *Rangifer tarandus* in Canada.

84-004142 Cederlund, Göran. HOME RANGE DYNAMICS AND HABITAT SELECTION BY ROE DEER IN A BOREAL AREA IN CENTRAL SWEDEN. *Acta Theriol.* 28(30):443-460. Nov. 1983. In English with Polish summ. WR 193
[Grimsö Res. Stn., S-770 31 Riddarhyttan, Sweden] *Capreolus capreolus.*

84-004143 Chapman, D. I.; Norma G. Chapman; J. G. Mathews and Doris M. Wurster-Hill. CHROMOSOME STUDIES OF FERAL MUNTJAC DEER (*MUNTIACUS* SP.) IN ENGLAND. *J. Zool. (Lond.)* 201(4):557-559. Dec. 1983. WR 193

84-004144 Childers, Robert A. PORCUPINE CARIBOU CONSERVATION, LOCAL INITIATIVE FOR AN INTERNATIONAL AGREEMENT. *Proc. Alaska Sci. Conf.* 34:9. 1983. Abstract only. WR 193
[Rural Cap, Anchorage, AK] *Rangifer tarandus* in Alaska and Canada.

84-004145 Clutton-Brock, T. H.; S. D. Albon and F. E. Guinness. COMPETITION BETWEEN FEMALE RELATIVES IN A MATRILOCAL MAMMAL. *Nature* 300(5888):178-180. 11 Nov. 1982. WR 193
[Large Anim. Res. Group, Dep. Zool., Cambridge CB3 0DT, England] *Cervus elaphus.*

84-004146 Clutton-Brock, Tim. THE RED DEER OF RHUM. *Nat. Hist.* 91(11):42-47. Nov. 1982. WR 193
Cervus elaphus in Scotland.

84-004147 Cole, Glen F. A NATURALLY REGULATED ELK POPULATION. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 62-81. Sept. 1983. WR 193
[U.S. Natl. Park Serv., Voyageurs Natl. Park, International Falls, MN] *Cervus elaphus* in Wyoming.

84-004148 Das, B. C. and T. Sharma. EFFECTS OF TEMPERATURE ON THE FREQUENCY OF SISTER CHROMATID EXCHANGES (SCEs) IN PERIPHERAL BLOOD LYMPHOCYTES OF MAN AND MUNTJAC. *Environ. Mutagenesis* 6(1):25-31. 1984. WR 193
[Cytology Res. Cent.; Maulana Azad Med. Coll., Bahadur Shah Zafar Marg, New Delhi 110002, India]

84-004149 de Lisle, G. W.; P. J. Welch; P. F. Havill; A. F. Julian; W. S. H. Poole; K. C. Corrin and N. R. Gladden. EXPERIMENTAL TUBERCULOSIS IN RED DEER *(CERVUS ELAPHUS)*. *N.Z. Vet. J.* 31(12):213-216. Dec. 1983. WR 193
[Anim. Health Reference Lab., Wallaceville Anim. Res. Cent., Private Bag, Upper Hutt, New Zealand]

84-004150 Drouilly, Patricio. RECOPILACION DE ANTECEDENTES BIOLOGICOS Y ECOLOGICOS DEL HUEMUL CHILENO Y CONSIDERACIONES SOBRE SU MANEJO. [RECOPILATION OF BIOLOGICAL AND ECOLOGICAL DATA ON *HIPPOCAMELUS BISULCUS* AND MANAGEMENT CONSIDERATIONS.] *Bol. Tec. Corp. Nac. For. Chile* No. 5. iii + 57p. May 1983. In Spanish with English summ. WR 193

84-004151 Dubey, J. P.; W. R. Jolley and E. Tom Thorne. *SARCOCYSTIS SYBILLENSIS* SP. NOV. FROM THE NORTH AMERICAN ELK (*CERVUS ELAPHUS*). *Can. J. Zool.* 61(4):737-742. Apr. 1983. In English with French summ. WR 193
[Anim. Parasitol. Inst., U.S. Dep. Agric., Beltsville, MD 20705]

84-004152 Duquette, Laurel S. BEHAVIOR AND MOVEMENT PATTERNS OF COW CARIBOU DURING SPRING MIGRATION. *Proc. Alaska Sci. Conf.* 34:70. 1983. Abstract only. WR 193
[Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks] *Rangifer tarandus*.

84-004153 Fadeev, E. V. [THE AREAL AND POPULATION OF EUROPEAN DEER IN THE USSR.] *Biol. Nauki (Mosc.)* 1983(12):35-40. 1983. In Russian. WR 193
Cervus elaphus.

84-004154 Fatzer, Rosmarie. BEOBACHTUNGEN ZUR ENTWICKLUNG VON 4 JUNGEN ELCHEN, *ALCES ALCES*, VOR DER ERSTEN BRUNFT. [OBSERVATIONS OF THE FIRST RUTTING OF 4 YOUNG MOOSE (*A. ALCES*).] *Zool. Gart.* 53(3/5):233-264. 1983. In German with English summ. WR 193
[Alpenzoo, A-6020 Innsbruck-Weiherburg, Austria]

84-004155 Gyllensten, Ulf; Nils Ryman; Christina Reuterwall and Peter Dratch. GENETIC DIFFERENTIATION IN FOUR EUROPEAN SUBSPECIES OF RED DEER (*CERVUS ELAPHUS* L.). *Heredity* 51(3):561-580. Dec. 1983. WR 193
[Dep. Genet., Univ. Stockholm, S-106 91 Stockholm, Sweden]

84-004156 Haigh, J. C.; W. F. Cates; G. J. Glover and N. C. Rawlings. RELATIONSHIPS BETWEEN SEASONAL CHANGES IN SERUM TESTOSTERONE CONCENTRATIONS, SCROTAL CIRCUMFERENCE AND SPERM MORPHOLOGY OF MALE WAPITI (*CERVUS ELAPHUS*). *J. Reprod. Fert.* 70(2):413-418. Mar. 1984. WR 193
[Dep. Herd Med. & Theriogenol., West. Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

84-004157 Hanson, Michael T. and James M. Willison. THE 1978 RELOCATION OF THE TULE ELK AT FORT HUNTER LIGGETT - REASONS FOR ITS FAILURE. *Cal-Neva Wildl. Trans.* 1983:43-49. 1983. WR 193
[NRM Dep., Calif. Polytech. State Univ., San Luis Obispo 93407] *Cervus elaphus nannodes* in California.

84-004158 Haukioja, Erkki; Rainer Huopalahti; Jussi Kotiaho and Kaarlo Nygrén. MILLAISIA MÄNNYNTAIMIA HIRVI SUOSII? [THE KINDS OF PINE PREFERRED BY MOOSE.] *Suomen Riista* 30:22-26. 1983. In Finnish with English summ. WR 193
[Dep. Zool., Inst. Biol., Univ. Turku, SF-20500 Turku 50, Finland] *Alces alces* in Finland.

OTHER CERVIDS (CONTINUED)

84-004159 Heck, Heinz. TWIN BIRTHS IN BARASINGHA DEER (*RUCERVUS DUVAUCELI*) AT CATSKILL GAME FARM. *Zool. Gart.* 53(3/5):365. 1983. In English. WR 193
[Catskill Game Farm, New York, NY 12414]

84-004160 Holz, R. GEWEIHBILDUNG NACH ROSENSTOCKVERLUST BEIM EUROPÄISCHEN DAMHIRSCH, *DAMA DAMA* L., 1758. [ANTLER DEVELOPMENT AFTER LOSS OF ROSETTE BY A EUROPEAN FALLOW DEER, *DAMA DAMA* L., 1758.] *Zool. Gart.* 53(3/5):364-365. 1983. In German. WR 193
[Schillerstr. 39, 2700 Schwering, East Germany]

84-004161 Hrudka, F.; R. J. Cawthorn and J. C. Haigh. THE OCCURRENCE OF COCCIDIA (EIMERIIDAE) IN EPIDIDYMAL SEMEN OF A WAPITI (*CERVUS CANADENSIS NELSONI*). *Can. J. Zool.* 61(7):1693-1699. July 1983. In English with French summ. WR 193
[Dep. Vet. Anat., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

84-004162 Johnston, A. M. OBSERVATIONS OF THE COOLING RATE OF DEER CARCASES. *Vet. Rec.* 114(4):89. 28 Jan. 1984. WR 193
[Royal Vet. Coll. Field Stn., Hawkshead Lane, North Mymms, Hatfield, Hertfordshire, England]

84-004163 Knight, Robert A. and Donald W. Tuff. *TRICHURIS* SPP. (NEMATODA: TRICHURIDAE) IN SIKA DEER (*CERVUS NIPPON*) IN TEXAS. *Proc. Helminthol. Soc. Wash.* 51(1):161-162. Jan. 1984. WR 193
[Anim. Parasitol. Inst., Agric. Res. Serv., U.S. Dep. Agric., Beltsville, MD 20705]

84-004164 Lu Ho-Gee and Sheng He-Lin. STATUS OF THE BLACK MUNTJAC, *MUNTIACUS CRINIFRONS*, IN EASTERN CHINA. *Mammal Rev.* 14(1):29-36. Mar. 1984. WR 193
[Dep. Biol., East China Normal Univ., Shanghai, China]

84-004165 Lyon, L. Jack. ROAD DENSITY MODELS DESCRIBING HABITAT EFFECTIVENESS FOR ELK. *J. For.* 81(9):592-595, 613. Sept. 1983. WR 193
[U.S. For. Serv., For. Sci. Lab., Missoula, MT 59806] *Cervus elaphus*.

84-004166 Mauer, Francis J. and Gerald W. Garner. AN EVALUATION OF MORTALITY-SENSING RADIO TRANSMITTERS FOR ASSESSING NEONATAL CARIBOU CALF MORTATLITY IN THE PORCUPINE CARIBOU HERD. *Proc. Alaska Sci. Conf.* 34:69. 1983. Abstract only. WR 193
[U.S. Fish & Wildl. Serv., Arctic Natl. Wildl. Refuge, Fairbanks, AK] *Rangifer tarandus* in Alaska.

84-004167 Meredith, T. C. PLANNING FOR THE GEORGE RIVER CARIBOU. *Proc. Alaska Sci. Conf.* 34:8. 1983. Abstract only. WR 193
[Dep. Geogr., McGill Univ., Montreal, Quebec, Canada] *Rangifer tarandus* in Canada.

OTHER CERVIDS (CONTINUED)

84-004168 Miller, Frank L. SOME PHYSICAL CHARACTERISTICS OF CARIBOU SPRING MIGRATION CROSSING SITES ON THE DEMPSTER HIGHWAY, YUKON TERRITORY. *Proc. Alaska Sci. Conf.* 34:15. 1983. Abstract only. WR 193
[Canadian Wildl. Serv., Edmonton, Alberta, Canada] *Rangifer tarandus granti* in Canada.

84-004169 Miura, Shingo. SOCIAL BEHAVIOR AND TERRITORIALITY IN MALE SIKA DEER (*CERVUS NIPPON* TEMMINCK 1838) DURING THE RUT. *Z. Tierpsychol.* 64(1):33-73. Jan. 1984. In English with German summ. WR 193
[Dep. Biol., Hyogo Coll. Med., 1-1 Mukogawa-cho, Nishinomiya-shi, Hyogo-ken, 663 Japan]

84-004170 Miyake, Yoh-Ichi; Shoichi Abe; Masao Kosuge and Hiroshi Kanagawa. A CHROMOSOME STUDY OF THE EZO DEER (*CERVUS YESOENSIS* HEUDE). *Proc. Jpn. Acad. Ser. B Phys. Biol. Sci.* 59(3):48-52. Mar. 1983. WR 193
[Dep. Vet. Obstetrics, Fac. Vet. Med., Hokkaido Univ., Sapporo 060, Japan]

84-004171 Nieminen, Mauri. PORON KASVU JA PORONLIHAN KEMIALLINEN KOOSTUMUS. [GROWTH IN THE REINDEER AND THE CHEMICAL COMPOSITION OF THE REINDEER MEAT.] *Suomen Riista* 30:90-104. 1983. In Finnish with English summ. WR 193
[Game & Fish. Res. Inst., Game Div. Reindeer Res., Koskikatu 33A, SF-96100 Rovaniemi 10, Finland] *Rangifer tarandus*.

84-004172 Nieminen, Mauri and Matti Laitinen. METSÄPEURAN PALAUTUSISTUTUS JA STRESSI. [REINTRODUCTION OF WILD FOREST REINDEER AND STRESS.] *Suomen Riista* 30:34-43. 1983. In Finnish with English summ. WR 193
[Game & Fish. Res. Inst., Game Div. Reindeer Res., Koskikatu 33A, SF-96100 Rovaniemi 10, Finland] *Rangifer tarandus fennicus* in Finland.

84-004173 Nixon, Wendy A. C. REINDEER HUSBANDRY IN NORTH AMERICA - AN HISTORICAL REVIEW. *Proc. Alaska Sci. Conf.* 34:157. 1983. Abstract only. WR 193
[Canadian Wildl. Serv., 204 Range Rd., Whitehorse, Yukon, Canada] *Rangifer tarandus* in Alaska.

84-004174 Oliver, R. E.; N. S. Beatson; A. Cathcart and W. S. Poole. EXPERIMENTAL TRANSMISSION OF MALIGNANT CATARRHAL FEVER TO RED DEER *(CERVUS ELAPHUS)*. *N.Z. Vet. J.* 31(12):209-212. Dec. 1983. WR 193
[Anim. Health Reference Lab., Wallaceville Anim. Res. Cent., Private Bag, Upper Hutt, New Zealand]

84-004175 Pedersen, Sverre. CARIBOU HUNTING: LAND USE DIMENSIONS IN KAKTOVIK, N.E. ALASKA. *Proc. Alaska Sci. Conf.* 34:17. 1983. Abstract only. WR 193
[Dep. Fish & Game, Fairbanks, AK] *Rangifer tarandus*.

84-004176 Peek, James M. and Donald S. Eastman. FACTORS WHICH NATURALLY CONTROL MOOSE POPULATIONS. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek,*

OTHER CERVIDS (CONTINUED)

84-004176 CONTINUED *editors*. p. 175-193. Sept. 1983. WR 193
[Coll. For., Wildl. & Range Sci., Univ. Idaho, Moscow 83843] *Alces alces.*

84-004177 Polson, Sheila. CARIBOU: NOMADS OF THE NORTH. *Alaska Fish Game* 16(1):22-25, 37. Jan.-Feb. 1984. WR 193
Rangifer tarandus in Alaska.

84-004178 Righetti, A. and W. Huber. AUSROTTUNG UND WIEDEREINWANDERUNG DES ROTHIRSCHES (*CERVUS ELAPHUS* L.) IM KANTON BERN (SCHWEIZ). [EXTINCTION AND RECOLONISATION OF THE RED DEER (*CERVUS ELAPHUS* L.) IN THE CANTON OF BERN (SWITZERLAND).] *Rev. Suisse Zool.* 90(4):863-870. Dec. 1983. In German with French and English summ. WR 193
[Zool. Inst. Univ., Abt. Wirbeltiere, Baltzerstr. 3, CH-3012 Bern, Switzerland]

84-004179 Scorup, Peter C.; Thomas H. George; J. David Swanson and Mark P. Kinney. MAPPING SEWARD PENINSULA REINDEER RANGES. *Proc. Alaska Sci. Conf.* 33:224-225. Sept. 1982. Abstract only. WR 193
[Agric. Exp. Stn., Univ. Alaska, Palmer 99645] *Rangifer tarandus* in Alaska.

84-004180 Stager, John K. REINDEER HERDING AS A PRIVATE ENTERPRISE IN CANADA. *Proc. Alaska Sci. Conf.* 34:154. 1983. Abstract only. WR 193

84-004181 Stelfox, John G. CARIBOU BEHAVIOR IN RELATION TO HUMAN-ELK-WOLF INFLUENCE, JASPER NATIONAL PARK. *Proc. Alaska Sci. Conf.* 34:20. 1983. Abstract only. WR 193
Rangifer tarandus caribou in Canada.

84-004182 Suttie, J. M. THE RELATIONSHIP BETWEEN KIDNEY FAT INDEX AND MARROW FAT PERCENTAGE AS INDICATORS OF CONDITION IN RED DEER STAGS (*CERVUS ELAPHUS*). *J. Zool. (Lond.)* 201(4):563-565. Dec. 1983. WR 193
[Invermay Agric. Res. Cent., Private Bag, Mosgiel, New Zealand]

84-004183 Takatsuki, Seiki. GROUP SIZE OF SIKA DEER IN RELATION TO HABITAT TYPE ON KINKAZAN ISLAND. *Jpn. J. Ecol.* 33(4):419-425. Dec. 1983. In English with Japanese summ. WR 193
[Biol. Inst. Fac. Sci., Tohoku Univ., Sendai 980, Japan] *Cervus nippon* in Japan.

84-004184 Tankersley, Nancy G. and William C. Gasaway. MINERAL LICK USE BY MOOSE IN ALASKA. *Can. J. Zool.* 61(10):2242-2249. Oct. 1983. In English with French summ. WR 193
[Dep. Fish & Game, 333 Raspberry Rd., Anchorage, AK 99502] *Alces alces.*

84-004185 Thing, Henning. STRUKTUR OG ÅRLIG TILVÆKST I EN BESTAND AFVESTGRØNLANDSK BILDREN (*RANGIFER TARANDUS GROENLANDICUS*). [STRUCTURE AND ANNUAL INCREASE IN A POPULATION OF WEST GREENLAND CARIBOU.]

OTHER CERVIDS (CONTINUED)

84-004185 CONTINUED *Rangifer* 2(2):28-35. 1982. In Danish with Finnish and English summ. WR 193
[Vildtbiol. Stn., Kalø, DK-8410 Rønde, Denmark]

84-004186 Vandal, Denis. LE CARIBOU DES GRANDS-JARDINS: LÉGENDE ET RÉALITÉ. [THE CARIBOU OF GRANDS-JARDINS: LEGEND AND REALITY.] *Carnets Zool.* 43(3):36-41. 1983. In French. WR 193
[Dep. Biol., Univ. Laval, Ste-Foy, Québec, Canada G1K 7P4]

84-004187 Walton, R. A. and G. R. Hosey. OBSERVATIONS ON SOCIAL INTERACTIONS IN CAPTIVE PÈRE DAVID'S DEER *(ELAPHURUS DAVIDIANUS). Appl. Anim. Ethol.* 11(3):211-215. Jan. 1984. WR 193
[Dep. Nat. Behav. Sci., Bolton Inst. Higher Educ., Bolton, England BL3 5AB]

84-004188 Weber, Bruce J.; Michael L. Wolfe; Gary C. White and Mary M. Rowland. PHYSIOLOGIC RESPONSE OF ELK TO DIFFERENCES IN WINTER RANGE QUALITY. *J. Wildl. Manage.* 48(1):248-253. Jan. 1984. WR 193
[901 S. Mesquite, Las Cruces, NM 88001] *Cervus elaphus nelsoni* in New Mexico.

84-004189 Wilhelm, Arnd and Hans-Dieter Hohmann. ANGEBORENER TORTICOLLIS UND SEKUNDÄRE SCHÄDELKRÜMMUNG MIT OBERKIEFERVERKÜRZUNG BEI EINEM REH (*CAPREOLUS CAPREOLUS*). [INBORN TORTICOLLIS AND SECONDARY SKULL CURVING WITH SHORTENING OF THE UPPER JAW IN A ROEDEER (*CAPREOLUS CAPREOLUS*).] *Zool. Gart.* 53(3/5):305-308. 1983. In German. WR 193
[PSF 19/1, 7500 Cottbus, East Germany]

84-004190 Yu Xiuzhang and Hu Zhendong. [THE C AND G-BANDING KARYOTYPE OF EAST-NORTH SIKA DEER *CERVUS NIPPON HORTULORUM*.] *Zool. Res.* 4(4):301-307. 1983. In Chinese with English summ. WR 193

84-004191 Zaitsev, V. A. [THE DEFENSIVE BEHAVIOUR OF THE MUSK DEER (*MOSCHUS MOSCHIFERUS PARVIPES*) IN THE MIDDLE SIKHOTE-ALIN.] *Zool. Zh.* 62(11):1718-1726. Nov. 1983. In Russian with English summ. WR 193
[Sikhote-Alin State Biosphere Reserve, Ternei, Primorsky District, USSR]

OTHER UNGULATES

84-004192 Bailey, James A. *BIGHORN ZOOGEOGRAPHY: RESPONSE TO McCUTCHEN, HANSEN, AND WEHAUSEN. Wildl. Soc. Bull.* 12(1):86-89. 1984. WR 193
[2101 Sandstone Dr., Fort Collins, CO 80524] *Ovis canadensis* in North America.

84-004193 Berger, Joel. INDUCED ABORTION AND SOCIAL FACTORS IN WILD HORSES. *Nature* 303(5912):59-61. 5 May 1983. WR 193
[Conserv. & Res. Cent., Smithsonian Inst., Front Royal, VA 22630] *Equus caballus*.

OTHER UNGULATES (CONTINUED)

84-004194 Bogsch, Ilma. ZUCHTERGEBNISSE BEI DORKASGAZELLEN, *GAZELLA DORCAS* (L.), IM ZOO BUDAPEST. [BREEDING RESULTS OF DORCAS GAZELLES, *GAZELLA DORCAS* (L.) IN THE ZOO OF BUDAPEST.] *Zool. Gart.* 53(3/5):309-312. 1983. In German with French, Russian, and English summ. WR 193
[Zool. Gart., pf. 469, H-1371 Budapest, Hungary]

84-004195 Boomker, J.; I. G. Horak; Lynda M. Gibbons and V. De Vos. *HAEMONCHUS CONTORTUS* FROM THE VAAL RIBBOK, *PELEA CAPREOLUS*, AND THE BONTEBOK, *DAMALISCUS DORCAS DORCAS*, IN THE BONTEBOK NATIONAL PARK. *Onderstepoort J. Vet. Res.* 50(3):179-181. Sept. 1983. WR 193
[Dep. Parasitol., Fac. Vet. Sci., Univ. Pretoria, P.O. Box 12580, Onderstepoort 0110, South Africa]

84-004196 Boshe, J. I. DEMOGRAPHIC CHARACTERISTICS OF THE WARTHOG POPULATION OF THE EASTERN SELOUS GAME RESERVE, TANZANIA. *Afr. J. Ecol.* 22(1):43-47. Mar. 1984. In English with French summ. WR 193
[Coll. Afr. Wildl. Manage., Mweka, P.O. Box 3031, Moshi, Tanzania] *Phacochoerus aethiopicus*.

84-004197 Castro, A. E.; E. C. Ramsay; J. F. Dotson; M. L. Schramke; A. A. Kocan and D. L. Whitenack. CHARACTERISTICS OF THE HERPESVIRUS OF MALIGNANT CATARRHAL FEVER ISOLATED FROM CAPTIVE WILDEBEEST CALVES. *Am. J. Vet. Res.* 45(3):409-415. Mar. 1984. WR 193
[Okla. Anim. Dis. Diagnostic Lab., Stillwater] *Connochaetes gnou*.

84-004198 Crouch, Lewis C. and John R. Sweeney. HABITAT UTILIZATION BY FERAL HOGS AT SAVANNAH RIVER PLANT, SOUTH CAROLINA. *Bull. S.C. Acad. Sci.* 43:77. 1981. Abstract only. WR 193
Sus scrofa.

84-004199 De Lamo, Daniel A. and José L. Garrido. IMMOVILIZACION DE GUANACOS *LAMA GUANICOE* MULLER. [IMMOBILIZATION OF GUANACOS *LAMA GUANICOE* MULLER.] *Cent. Nac. Patagonico Contrib.* No.77. p. 1-9. July 1983. In Spanish with English summ. WR 193

84-004200 De Lamo, Daniel; José Luis Garrido and Zsolt Kovacs. POBLACION Y PARAMETROS REPRODUCTIVOS DEL GUANACO. (*LAMA GUANICOE* MULLER - CAMELIDAE - MAMMALIA). (I). [POPULATION AND REPRODUCTIVE PARAMERTERS IN GUANACO (*LAMA GUANICOE* MULLER - MAMMALIA - CAMELIDAE). (I).] *Cent. Nac. Patagonico Contrib.* No. 64. p. 1-11. 1982. In Spanish with English summ. WR 193

84-004201 Eigener, Wilhelm and Harald Schliemann. ANMERKUNGEN ZU DER IRRTÜMLICHERWEISE ALS MHORR-GAZELLE BEZEICHNETEN *GAZELLA DAMA* AUS DER SPANISCHEN SAHARA. [REMARKS ABOUT *GAZELLA DAMA* FROM THE SPANISH SAHARA WHICH WERE NAMED ERRONEOUSLY AS MHORR GAZELLES.] *Zool. Gart.* 53(3/5):313-316. 1983. In German. WR 193
[Emil-Andresen-Str. 105, D-2000 Hamburg 54, West Germany]

84-004202 Elenowtiz, Amy S. HABITAT USE AND POPULATION DYNAMICS OF TRANSPLANTED DESERT BIGHORN SHEEP IN THE PELONCILLO MOUNTAINS, NEW MEXICO. *M.S. thesis, N.M. State Univ.* 158p. 1983. WR 193
Ovis canadensis mexicana.--Courtesy/Raul Valdez.

84-004203 Estes, Richard Despard. BEHAVIOR AND CONSERVATION OF HIPPOTRAGINE ANTELOPES IN THE SHIMBA HILLS, KENYA. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 179-202. 1983. WR 193
[Acad. Nat. Sci. Philadelphia, Philadelphia, PA] *Hippotragus niger* and *H. equinus*.

84-004204 Flynn, Rodney W. and Mohd. Tajuddin Abdullah. DISTRIBUTION AND STATUS OF THE SUMATRAN RHINOCEROS IN PENINSULAR MALAYSIA. *Biol. Conserv.* 28(3):253-273. 1984. WR 193
[Dep. Fish & Game, 230 S. Franklin St., Juneau, AK 99801] *Dicerorhinus sumatrensis*.

84-004205 Fox, Joseph Larkin. CONSTRAINTS ON WINTER HABITAT SELECTION BY THE MOUNTAIN GOAT (*OREAMNOS AMERICANUS*) IN ALASKA. *Ph.D. dissertation, Univ. Wash.* 156p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2290. Feb. 1984. WR 193

84-004206 Freedman, Bill; Greg Henry and Josef Svoboda. PRIMARY PRODUCTION BASE AND LARGE HERBIVORE POPULATIONS IN EAST-CENTRAL ELLESMERE ISLAND, N.W.T., CANADA (RESULTS OF HELICOPTER SURVEYS). *Proc. Alaska Sci. Conf.* 34:75. 1983. Abstract only. WR 193
[Dep. Biol., Dalhousie Univ., Halifax, Nova Scotia, Canada] *Ovibos moschatus*.

84-004207 Geist, Valerius. ON PHENOTYPE REPRODUCTIVE STRATEGIES IN MOUNTAIN SHEEP AND SOME CRITICISMS OF CONVENTIONAL POPULATION BIOLOGY. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 82-92. Sept. 1983. WR 193
[Fac. Environ. Design, Univ. Calgary, Calgary, Alberta, Canada T2N 1N4] *Ovis canadensis*.

84-004208 Green, Galen E.; W. R. Grant and Ernie Davis. VARIABILITY OF OBSERVED GROUP SIZES WITHIN COLLARED PECCARY HERDS. *J. Wildl. Manage.* 48(1):244-248. Jan. 1984. WR 193
[Agrivest, Inc., P.O. Box 9971, College Station, TX 77840] *Tayassu tajacu* in Texas.

84-004209 Groves, C. P. PHYLOGENY OF THE LIVING SPECIES OF RHINOCEROS. *Z. Zool. Syst. Evolutionsforsch.* 21(4):293-313. Dec. 1983. In English with German summ. WR 193
[Dep. Prehist. & Anthropol., Australian Natl. Univ., P.O. Box 4, Canberra, ACT 2601, Australia]

84-004210 Hawkey, C. M.; M. G. Hart and A. K. Fitzgerald. HAEMATOLOGICAL VALUES IN MOUFLON (*OVIS MUSIMON*): INFLUENCE OF AGE, SEX, SEASON AND VITAMIN E STATUS. *Res. Vet. Sci.* 36(1):37-42. Jan. 1984. WR 193
[Dep. Vet. Sci., Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

OTHER UNGULATES (CONTINUED)

84-004211 Hellgren, E. C.; R. L. Lochmiller and W. E. Grant. INFECTION OF CAPTIVE ADULT COLLARED PECCARIES, *DICOTYLES TAJACU* (WOODBURNE, 1968), WITH THE NEMATODE, *ASCARIS SUUM* (GOEZE, 1782). *Proc. Helminthol. Soc. Wash.* 51(1):160-161. Jan. 1984. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-004212 Hoefs, Manfred and Max Bayer. DEMOGRAPHIC CHARACTERISTICS OF AN UNHUNTED DALL SHEEP (*OVIS DALLI*) POPULATION IN SOUTHWEST YUKON, CANADA. *Can. J. Zool.* 61(6):1346-1357. June 1983. In English with French summ. WR 193
[Yukon Wildl. Branch, Box 2703, Whitehorse, Yukon Territory, Canada Y1A 2C6]

84-004213 Hone, Jim and Bill Atkinson. EVALUATION OF FENCING TO CONTROL FERAL PIG MOVEMENT. *Aust. Wildl. Res.* 10(3):499-505. 1983. WR 193
[School Appl. Sci., Canberra Coll. Advanced Educ., P.O. Box 1, Belconnen, A.C.T. 2616, Australia] *Sus scrofa*.

84-004214 Howard, P. C. MANAGEMENT OF COMMON REEDBUCK ON FARMLAND IN NATAL. *Wildl. Manage. Tech. Guides Farmers (South Africa)* No. 6. 4p. Mar. 1984. In English and Afrikaans. WR 193
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa] *Redunca redunca* in South Africa.

84-004215 Lang, Ernst M. DIE SOMALIWILDESEL, *EQUUS ASINUS SOMALICUS*, IM BASLER ZOO. [THE WILD ASS FROM SOMALI IN THE ZOO OF BASEL.] *Zool. Gart.* 53(2):73-80. 1983. In German. WR 193
[Mattweid 22, CH-6204, Sempach, Switzerland]

84-004216 Liu Ruiqing and Liu Aihua. [STUDIES ON CYTOKINETICS AND SISTER CHROMATID EXCHANGE RATES IN RED MUNTJAC (*MUNTJACUS MUNTJAK*) FIBROBLASTS.] *Zool. Res.* 4(4):309-314. 1983. In Chinese with English summ. WR 193
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

84-004217 Lochmiller, R. L.; E. C. Hellgren; R. M. Robinson and W. E. Grant. TECHNIQUES FOR COLLECTING BLOOD FROM COLLARED PECCARIES, *DICOTYLES TAJACU* (L.). *J. Wildl. Dis.* 20(1):47-50. Jan. 1984. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-004218 Lundh, Nils G. OM KONSTEN ATT VÄRDERA EN MYSKOXE. [THE ART OF VALUING A MUSK-OX.] *Sver. Nat.* 74(5):12-15. Oct. 1983. In Swedish with English summ. WR 193
Ovibos moschatus in Sweden.

84-004219 Mahler, Anne E. ACTIVITY BUDGETS AND USE OF EXHIBIT SPACE BY SOUTH AMERICAN TAPIR (*TAPIRUS TERRESTRIS*) IN A ZOOLOGICAL PARK SETTING. *Zoo Biol.* 3(1):35-46. 1984. WR 193
[Dep. Biol., Univ. Miami, P.O. Box 249118, Coral Gables, FL 33124]

OTHER UNGULATES (CONTINUED)

84-004220 Marchant, A. N. MANAGEMENT OF BLESBOK ON FARMLAND IN NATAL. *Wildl. Manage. Tech. Guides Farmers (South Africa)* No. 3. 4p. Aug. 1983. In English and Afrikaans. WR 193
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa] *Damaliscus* sp. in South Africa.

84-004221 Marchant, A. N. MANAGEMENT OF IMPALA ON FARMLAND IN NATAL. *Wildl. Manage. Tech. Guides Farmers (South Africa)* No. 5. 4p. Feb. 1984. In English and Afrikaans. WR 193
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa] *Aepyceros melampus* in South Africa.

84-004222 Mayer, John Joseph II. THE HISTORY, COMPARATIVE MORPHOLOGY, AND CURRENT STATUS OF WILD PIGS IN THE UNITED STATES. *Ph.D. dissertation, Univ. Conn.* 388p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2679. Mar. 1984. WR 193
Sus scrofa.

84-004223 Novellie, P. A.; J. Manson and R. C. Bigalke. BEHAVIOURAL ECOLOGY AND COMMUNICATION IN THE CAPE GRYSBOK. *S. Afr. J. Zool.* 19(1):22-30. Jan. 1984. In English with Afrikaans summ. WR 193
[Dep. Nat. Conserv., Univ. Stellenbosch, Stellenbosch 7600, South Africa] *Raphicerus melanotis* in South Africa.

84-004224 O'Brien, Constance M. THE CHARACTERIZATION OF MUSKOX HABITAT BASED ON VEGETATION DESCRIPTION. *Proc. Alaska Sci. Conf.* 34:72. 1983. Abstract only. WR 193
[Coop. Wildl. Res. Unit, Univ. Alaska, Fairbanks] *Ovibos moschatus.*

84-004225 Pellew, Robin A. THE FEEDING ECOLOGY OF A SELECTIVE BROWSER, THE GIRAFFE *(GIRAFFA CAMELOPARDALIS TIPPELSKIRCHI). J. Zool. (Lond.)* 202(1):57-81. Jan. 1984. WR 193
[Physiol. Lab., Univ. Cambridge, Downing St., Cambridge CB2 3EG, England]

84-004226 Penzhorn, B. L. A LONG-TERM STUDY OF SOCIAL ORGANISATION AND BEHAVIOUR OF CAPE MOUNTAIN ZEBRAS *EQUUS ZEBRA ZEBRA*. *Z. Tierpsychol.* 64(2):97-146. Feb. 1984. In English with German summ. WR 193
[Dep. Genesiol., Fac. Vet. Sci., Univ. Pretoria, P.O. Box 12580, Onderstepoort 0110, South Africa]

84-004227 Preusse, Claus and Rolf Bauermeister. FRAKTURBEHANDLUNG BEIM WILDSCHAF, *OVIS AMMON MUSIMON*. [FRACTURE TREATMENT OF WILD SHEEP, *OVIS AMMON MUSIMON*.] *Zool. Gart.* 53(3/5):359-363. 1983. In German. WR 193
[Ernst-Thälmann-Str. 5a, 7113 Markkleeberg, East Germany]

84-004228 Reynolds, Patricia E. and Gerald W. Garner. IMMOBILIZING AND MARKING MUSKOXEN IN THE ARCTIC NATIONAL WILDLIFE REFUGE, ALASKA. *Proc. Alaska Sci. Conf.* 34:71. 1983. Abstract only. WR 193

OTHER UNGULATES (CONTINUED)

84-004228 CONTINUED
[U.S. Fish & Wildl. Serv., Arctic Natl. Wildl. Refuge, Fairbanks, AK] *Ovibos moschatus.*

84-004229 Scialdo-Krecek, Rosina C. STUDIES ON THE PARASITES OF ZEBRA. II. *CYLICOSTEPHANUS LONGICONUS* N. SP. (NEMATODA: STRONGYLIDAE) FROM THE MOUNTAIN ZEBRA, *EQUUS ZEBRA HARTMANNAE* (MATSCHIE, 1898). *Onderstepoort J. Vet. Res.* 50(3):169-172. Sept. 1983. WR 193
[Dep. Parasitol., Fac. Vet. Sci., Univ. Pretoria, P.O. Box 12580, Onderstepoort 0110, South Africa]

84-004230 Seip, Dale Roy. FORAGING ECOLOGY AND NUTRITION OF STONE'S SHEEP. *Ph.D. dissertation, Univ. British Columbia (Canada)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1338. Nov. 1983. WR 193
Ovis dalli stonei in Canada.

84-004231 Simmons, N. M.; M. B. Bayer and L. O. Sinkey. DEMOGRAPHY OF DALL'S SHEEP IN THE MacKENZIE MOUNTAINS, NORTHWEST TERRITORIES. *J. Wildl. Manage.* 48(1):156-162. Jan. 1984. WR 193
[Dep. Renewable Resour., Yellowknife, Northwest Territories, Canada X1A 2L9] *Ovis dalli dalli* in Canada.

84-004232 Takahashi, Masaru; Atsushi Imai; Shigeru Nakashima and Yoshinori Nozawa. PHOSPHOLIPID AND FATTY ACID COMPOSITION OF ERYTHROCYTE MEMBRANE FROM WILD JAPANESE SEROW *(CAPRICORNIS CRISPUS). Comp. Biochem. Physiol. B Comp. Biochem.* 77(2):369-371. 1984. WR 193
[Dep. Biochem., Gifu Univ., School Med., Tsukasamachi-40, Gifu 500, Japan]

84-004233 U.S. Natl. Park Service. FERAL BURRO MANAGEMENT AND ECOSYSTEM RESTORATION PLAN AND FINAL ENVIRONMENTAL STATEMENT. *U.S. Natl. Park Service* 280p. 30 Jan. 1980. From U.S. Government Reports 83(24):6114. 25 Nov. 1983. Available from NTIS as PB83-244921. WR 193
Equus asinus.

84-004234 Van Hoven, W. RUMEN CILIATES WITH DESCRIPTION OF TWO NEW SPECIES FROM THREE AFRICAN REEDBUCK SPECIES. *J. Protozool.* 30(4):688-691. Nov. 1983. WR 193
[Dep. Fish & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Redunca redunca wardi, R. arundinum arundinum,* and *R. fulvorufula fulvorufula.*

84-004235 Volf, Jiri. DIE ZUCHT VON GORALEN (GENUS *NEMORHAEDUS* SMITH, 1827) IM ZOOLOGISCHEN GARTEN IN PRAG. [BREEDING OF THE GENUS *NEMORHAEDUS* SMITH, 1827 IN THE ZOOLOGIC GARDEN IN PRAGUE.] *Zool. Gart.* 53(3/5):354-358. 1983. In German with English summ. WR 193
[Zool. Zahrada, CS-17100 Praha, Czechoslovakia]

84-004236 Wehausen, John D. COMMENT *ON DESERT BIGHORN AS RELICTS: FURTHER CONSIDERATIONS. Wildl. Soc. Bull.* 12(1):82-85. 1984. WR 193
[Univ. Calif., White Mountains Res. Stn., Bishop 93514] *Ovis canadensis* in North America.

OTHER UNGULATES (CONTINUED)

84-004237 Willard, E. Earl and Robert W. Klaver. ECOLOGY OF THE NEZ PERCE BIGHORN SHEEP HERD. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 733-743. 1983. WR 193
[Univ. Mont., Missoula] *Ovis canadensis canadensis* in Montana and Idaho.

84-004238 Wilson, V. J.; J. L. Schmidt and J. Hanks. AGE DETERMINATION AND BODY GROWTH OF THE COMMON DUIKER *SYLVICAPRA GRIMMIA* (MAMMALIA). *J. Zool. (Lond.)* 202(2):283-297. Feb. 1984. WR 193
[Chipangali Wildl. Orphanage, P.O. Box 1057, Bulawayo, Zimbabwe]

84-004239 Wolfe, Michael L. and LeGrande C. Ellis. INITIAL STUDY OF WILD HORSE AND BURRO DEMOGRAPHY: DETERMINATION OF PREGNANCY AND LACTATION RATES IN VARIOUS HERDS. *Utah Univ., Salt Lake City* 52p. 30 Nov. 1982. From U.S. Government Reports 83(21):5036. 14 Oct. 1983. Available from NTIS as PB83-225102 WR 193

84-004240 Wuerthner, George. WILD WHITE SHEEP. *Nat. Hist.* 91(2):62-69. Feb. 1982. WR 193
Ovis dalli dalli in Alaska.

84-004241 Yoakum, Jim. HABITAT MANAGEMENT GUIDES FOR THE AMERICAN PRONGHORN ANTELOPE. *U.S. Bur. Land Manage. Tech. Note* TN-347. 86p. Oct. 1980. From U.S. Government Reports 83(26):6552. 23 Dec. 1983. Available from NTIS as PB83-262220. WR 193
Antilocapra americana in North America.

84-004242 Yoakum, Jim. MANAGING VEGETATION FOR PRONGHORNS IN THE GREAT BASIN. *U.S. For. Serv. Gen. Tech. Rep.* INT-157. p. 189-194. Nov. 1983. WR 193
[U.S. Bur. Land Manage., Univ. Nev., Reno] *Antilocapra americana*.

84-004243 Zarkhidze, V. A. [THE DISTRIBUTION AND NUMBERS OF A POPULATION OF *OVIS VIGNEI ARCAL* IN THE SOUTH-WEST OF ITS RANGE.] *Zool. Zh.* 62(11):1756-1759. Nov. 1983. In Russian with English summ. WR 193
[Tosnensky Exp. Stn., All-Union Inst. Plant Protection, Leningrad District, USSR]

PRIMATES

84-004244 Abbott, D. P. and S. K. Majeed. A SURVEY OF PARASITIC LESIONS IN WILD-CAUGHT, LABORATORY-MAINTAINED PRIMATES: (RHESUS, CYNOMOLGUS, AND BABOON). *Vet. Pathol.* 21(2):198-207. Mar. 1984. WR 193
[Pathol. Dep., Huntingdon Res. Cent., Huntingdon, Cambridgeshire, England]

84-004245 Aggleton, J. P. and M. Mishkin. PROJECTIONS OF THE AMYGDALA TO THE THALAMUS IN THE CYNOMOLGUS MONKEY. *J. Comp. Neurol.* 222(1):56-68. 1 Jan. 1984. WR 193

PRIMATES (CONTINUED)

84-004245 CONTINUED
[Dep. Psychol., Univ. Durham, Sci. Lab., South Rd., Durham, England DH1 3LE] *Macaca fascicularis*.

84-004246 Anderson, J. R. and W. C. McGrew. GUINEA BABOONS (*PAPIO PAPIO*) AT A SLEEPING SITE. *Am. J. Primatol.* 6(1):1-14. 1984. WR 193
[McGrew: Dep. Psychol., Univ. Stirling, Stirling, Scotland FK9 4LA]

84-004247 Anderson, James R.; Elizabeth A. Williamson and Janis Carter. CHIMPANZEES OF SAPO FOREST, LIBERIA: DENSITY, NESTS, TOOLS AND MEAT-EATING. *Primates* 24(4):594-601. Oct. 1983. WR 193
[Dep. Psychol., Univ. Stirling, Stirling, Scotland FK9 4LA] *Pan troglodytes verus*.

84-004248 Arredondo, Oscar and Luis S. Varona. SOBRE LA VALIDEZ DE *MONTANEIA ANTHROPOMORPHA* AMEGHINO, 1910 (PRIMATES: CEBIDAE). [ON THE VALIDITY OF *MONTANEIA ANTHROPOMORPHA* AMEGHINO, 1910 (PRIMATES: CEBIDAE).] *Poeyana Inst. Zool. Acad. Cienc. Cuba* No. 255. 21p. 29 Dec. 1983. In Spanish with English summ. WR 193
[Norte 29, Nuevo Vedado, Havana, Cuba]

84-004249 Aveling, C. NOTES ON THE GOLDEN MONKEY, *CERCOPITHECUS MITIS KANDTI*, OF THE VIRUNGA VOLCANOS, RWANDA. *Afr. J. Ecol.* 22(1):63-64. Mar. 1984. In English with French summ. WR 193
[Box 48177, Nairobi, Kenya]

84-004250 Aveling, Conrad and Alexander H. Harcourt. A CENSUS OF THE VIRUNGA GORILLAS. *Oryx* 18(1):8-13. Jan. 1984. WR 193
[Frankfurt Zool. Soc., Alfred-Brehm Platz 16, 6000 Frankfurt am Main 1, West Germany] *Gorilla gorilla beringei* in Africa.

84-004251 Baskin, G. B.; F. W. Chandler and E. A. Watson. CUTANEOUS ZYGOMYCOSIS IN RHESUS MONKEYS (*MACACA MULATTA*). *Vet. Pathol.* 21(1):125-128. Jan. 1984. WR 193
[Dep. Pathol., Delta Regional Primate Res. Cent., Tulane Univ., Three Rivers Rd., Covington, LA 70433]

84-004252 Baum, M. J. HORMONAL MODULATION OF SEXUALITY IN FEMALE PRIMATES. *BioScience* 33(9):578-582. Oct. 1983. WR 193
[Dep. Nutrition & Food Sci., Mass. Inst. Technol., Cambridge 02139]

84-004253 Bercovitch, Fred B. TIME BUDGETS AND CONSORTSHIPS IN OLIVE BABOONS *(PAPIO ANUBIS)*. *Folia Primatol*. 41(3-4):180-190. Feb. 1984. WR 193
[Dep. Anthropol., Univ. Calif., Los Angeles]

84-004254 Betton, G. R. SPONTANEOUS NEOPLASMS OF THE MARMOSET (*CALLITHRIX JACCHUS*). ORAL AND NASOPHARYNGEAL SQUAMOUS CELL CARCINOMAS. *Vet. Pathol.* 21(2):193-197. Mar. 1984. WR 193

PRIMATES (CONTINUED)

84-004254 CONTINUED
[Pathol. Sect., Safety Med. Dep., Imperial Chem. Industries Plc., Mereside, Alderley Park, Macclesfield, Cheshire, England]

84-004255 Caldecott, Julian. COMING OF AGE IN *MACACA*. *New Sci*. No. 1396. p. 10-12. 9 Feb. 1984. WR 193
[Sub-Dep. Vet. Anat., Univ. Cambrige, Cambridge, England] *Macaca sylvanus* in Morocco and *M. nemestrina* in Indonesia.

84-004256 Chen Yuchu; Duan Huifen; Yang Chenchuan and Hsu Pinghsuan. [THE EVALUATION OF VARIOUS TYPES OF VISUAL OR AUDITORY DISCRIMINATION IN MACAQUE MONKEYS UNDER FREE OR RESTRAINED CONDITIONS.] *Zool. Res*. 4(4):345-352. 1983. In Chinese with English summ. WR 193
[Shanghai Inst. Physiol., Acad. Sinica, Shanghai, China]

84-004257 Dathe, Rosemarie. HALTUNGSREKORD EINES WEIBLICHEN BARTRHESUS (*MACACA ASSAMENSIS* M'CLELLAND, 1839) IM TIERPARK BERLIN. [MAINTENANCE RECORD OF A FEMALE BEARDED RHESUS (*MACACA ASSAMENSIS*) IN THE ZOOLOGICAL GARDEN OF BERLIN.] *Zool. Gart*. 53(2):125-132. 1983. In German. WR 193
[Am. Tierpark 125, 1136 Berlin, East Germany]

84-004258 Deag, John M. FEEDING HABITS OF *MACACA SYLVANUS* (PRIMATES: CERCOPITHECINAE) IN A COMMERCIAL MOROCCAN CEDAR FOREST. *J. Zool. (Lond.)* 201(4):570-574. Dec. 1983. WR 193
[Dep. Zool., Univ. Edinburgh, W. Mains Rd., Edinburgh, Scotland]

84-004259 Defler, Thomas R. SOME POPULATION CHARACTERISTICS OF *CALLICEBUS TORQUATUS LUGENS* (HUMBOLDT, 1812) (PRIMATES: CEBIDAE) IN EASTERN COLOMBIA. *Lozania (Acta Zool. Colombiana)* No. 38. 9p. 30 June 1983. In English with Spanish summ. WR 193
[Prog. Nac. Colombiano Primatol., INDERENA, Apartado Aéreo 4559, Bogotá, Colombia]

84-004260 Der Goukassian, Ph. HEMATOLOGY OF THE LESSER MOUSE LEMUR (*MICROCEBUS MURINUS*). A PRELIMINARY STUDY. *Folia Primatol*. 41(1-2):129-136. Nov. 1983. WR 193
[Lab. Ecol. Gén., Mus. Natl. Hist. Nat., Brunoy, France]

84-004261 Dugoujon, J.-M.; F. Moro and G. Larrouy. CYTOGENETIC STUDY OF *CERCOPITHECUS POGONIAS GRAYI* X *CERCOPITHECUS ASCANIUS KATANGAE* HYBRIDS. *Folia Primatol*. 38(3-4):269-274. July-Aug. 1982. WR 193
[Cent. d'Hémotypol. CNRS, CHU de Purpan, F-31300 Toulouse, France]

84-004262 Dunbar, R. I. M. STRUCTURE OF GELADA BABOON REPRODUCTIVE UNITS IV. INTEGRATION AT GROUP LEVEL. *Z. Tierpsychol*. 63(4):265-282. Dec. 1983. In English with German summ. WR 193
[Sub-Dep. Anim. Behav., Univ. Cambridge, Cambridge, England CB3 8AA] *Theropithecus gelada*.

84-004263 Dunbar, R. I. M. and M. Sharman. IS SOCIAL GROOMING ALTRUISTIC? *Z. Tierpsychol.* 64(2):163-173. Feb. 1984. In English with German summ. WR 193
[Sub-Dep. Anim. Behav., Univ. Cambridge, Madingley, Cambridge CB3 8AA, England] *Papio anubis*, *P. cynocephalus*, and *P. ursinus* in Africa.

84-004264 Erffmeyer, Elizabeth Shoenfelt. THE NOCTURNAL BEHAVIOR OF CAGED RHESUS MONKEYS (*MACACA MULATTA*). *Folia Pirmatol.* 38(3-4):240-249. July-Aug. 1982. WR 193
[Dep. Psychol., La. State Univ., Baton Rouge 70803]

84-004265 Estrada, Alejandro and Rosamond Coates-Estrada. FRUIT EATING AND SEED DISPERSAL BY HOWLING MONKEYS (*ALOUATTA PALLIATA*) IN THE TROPICAL RAIN FOREST OF LOS TUXTLAS, MEXICO. *Am. J. Primatol.* 6(2):77-91. 1984. WR 193
[Estación Biol. Trop. "Los Tuxtlas", Apartado Postal 94, San Andrés Tuxtlas, Veracruz, Mexico]

84-004266 Fleagle, John G. and Mitchell B. Schaffler. DEVELOPMENT AND ERUPTION OF THE MANDIBULAR CHEEK TEETH IN *CEBUS ALBIFRONS*. *Folia Primatol.* 38(3-4):158-169. July-Aug. 1982. WR 193
[Dep. Anat. Sci., State Univ. N.Y. Stonybrook, Long Island 11794]

84-004267 Foerg, Renate and Rolf Hoffmann. SEASONAL AND DAILY ACTIVITY CHANGES IN CAPTIVE *CHEIROGALEUS MEDIUS*. *Folia Primatol.* 38(3-4):259-268. July-Aug. 1982. WR 193
[Abteilung Verhaltensphysiol., Univ. Tübingen, Beim Kupferhammer 8, D-7400 Tübingen, West Germany]

84-004268 Foerg, Renate. REPRODUCTION IN *CHEIROGALEUS MEDIUS*. *Folia Primatol.* 39(1-2):49-62. Sept.-Oct. 1982. WR 193
[Abteilung Verhaltensphysiol., Beim Kupferhammer 8, D-7400 Tübingen, West Germany]

84-004269 Fuller, Charles A. CIRCADIAN BRAIN AND BODY TEMPERATURE RHYTHMS IN THE SQUIRREL MONKEY. *Am. J. Physiol.* 246(2):R242-R246. Feb. 1984. WR 193
[Div. Biomed. Sci., Univ. Calif., Riverside 92521-0121] *Saimiri sciureus*.

84-004270 Furuichi, Takeshi. INTERINDIVIDUAL DISTANCE AND INFLUENCE OF DOMINANCE ON FEEDING IN A NATURAL JAPANESE MACAQUE TROOP. *Primates* 24(4):445-455. Oct. 1983. WR 193
[Lab. Human Evol. Studies, Fac. Sci., Kyoto Univ., Sakyo-ku, Kyoto 606, Japan] *Macaca fuscata yakui* in Japan.

84-004271 Gariépy, J. L. and F. F. Strayer. RELATIONS DYADIQUES ENTRE ATTENTION SOCIALE ET COMPORTEMENTS SOCIAUX CHEZ *SAIMIRI SCIUREUS* EN CAPTIVITÉ. [DYADIC RELATIONS BETWEEN SOCIAL ATTENTION AND SOCIAL

PRIMATES (CONTINUED)

84-004271 CONTINUED BEHAVIOUR IN *SAIMIRI SCIUREUS* IN CAPTIVITY.] *Biol. Behav.* 8(4):345-358. 1983. In French with English summ. WR 193
[Groupe Recherche Primatol, Lab. Ethol. Hum., Univ. Québec, 1750 St. André, Montreal, Quebec, Canada H2L 3T8]

84-004272 Harding, Robert S. O. and Hugh A. Gilmore. THE GILGIL BABOON PROJECT. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 251-256. 1983. WR 193
[Univ. Pa., Philadelphia] *Papio anubis*.

84-004273 Harrison, Michael J. S. AGE AND SEX DIFFERENCES IN THE DIET AND FEEDING STRATEGIES OF THE GREEN MONKEY, *CERCOPITHECUS SABAEUS*. *Anim. Behav.* 31(4):969-977. Nov. 1983. WR 193
[Dep. Psychol., Univ. Stirling, Stirling, Scotland]

84-004274 Harrison, Michael J. S. PATTERNS OF RANGE USE BY THE GREEN MONKEY, *CERCOPITHECUS SABAEUS*, AT MT. ASSIRIK, SENEGAL. *Folia Primatol.* 41(3-4):157-179. Feb. 1984. WR 193
[Dep. Psychol., Univ. Stirling, Stirling, Scotland]

84-004275 Harvey, Nancy C. and Ramon J. Rhine. SOME REPRODUCTIVE PARAMETERS OF STUMPTAILED MACAQUES (*MACACA ARCTOIDES*). *Primates* 24(4):530-536. Oct. 1983. WR 193
[Dep. Psychol., Univ. Calif., Riverside 92521]

84-004276 Hatton, John; Nick Smart and Koy Thomson. IN URGENT NEED OF PROTECTION--HABITAT FOR THE WOOLLY SPIDER MONKEY. *Oryx* 18(1):24-29. Jan. 1984. WR 193
[Ecol. & Conserv. Unit, Univ. Coll. London, Gower St., London WC1E 6BT, England] *Brachyteles arachnoides* in Brazil.

84-004277 Hislop, Alison; Susan Howard and D. V. I. Fairweather. MORPHOMETRIC STUDIES ON THE STRUCTURAL DEVELOPMENT OF THE LUNG IN *MACACA FASCICULARIS* DURING FETAL AND POSTNATAL LIFE. *J. Anat.* 138(1):95-112. Jan. 1984. WR 193
[Dep. Obstetrics & Gynaecol., School Med., Univ. Coll. London, 88-96 Chenies Mews, London WC1E 6HX, England]

84-004278 Hobi, G. and D. Glaser. TASTE THRESHOLDS FOR TRYPTOPHAN IN SEVEN NONHUMAN PRIMATE SPECIES. *Folia Primatol.* 41(1-2):124-128. Nov. 1983. WR 193
[Anthropol. Inst. & Mus., Univ. Zürich, Zürich, Switzerland]

84-004279 Holst, Dietrich V. KOMMUNIKATION DURCH DUFTMARKEN BEI *TUPAIA BELANGERI*. [COMMUNICATION BY SCENT MARKS IN *TUPAIA BELANGERI*.] *Verh. Dtsch. Zool. Ges.* 76:175. 1983. German abstract only. WR 193
[Lehrstuhl Tierphysiol., Univ. Bayreuth, Postfach 3008, D-8580 Bayreuth, West Germany]

84-004280 Holt, W. V. and H. D. M. Moore. ULTRASTRUCTURAL ASPECTS OF SPERMATOGENESIS IN THE COMMON MARMOSET (*CALLITHRIX JACCHUS*). *J. Anat.* 138(1):175-188. Jan. 1984. WR 193
[Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

84-004281 Iguchi, M. and others. [JAPANESE MONKEYS IN HINOHARA-VILLAGE, TOKYO.] *Monkey* 27(1-2):44-50. 1983. In Japanese. WR 193

84-004282 Inaba, Toshio; Tatsuo Imori and Takashi Saburi. URINARY ESTROGEN LEVELS DURING THE MENSTRUAL CYCLE OF THE ORANGUTAN. *Jpn. J. Vet. Sci.* 45(6):857-859. 1983. WR 193
[School Vet. Sci., Coll. Agric., Univ. Osaka, Prefecture, Sakai, Osaka 591, Japan] *Pongo pygmaeus*.

84-004283 Isbell, Lynne A. DAILY RANGING BEHAVIOR OF RED COLOBUS (*COLOBUS BADIUS TEPHROSCELES*) IN KIBALE FOREST, UGANDA. *Folia Primatol.* 41(1-2):34-48. Nov. 1983. WR 193
[Kibale For. Project, P.O. Box 409, Fort Portal, Uganda]

84-004284 Ishida, H.; N. Kawabata and S. Matano. MODE OF DESCENDING AND FUNCTIONAL MORPHOLOGY OF THE *BICEPS FEMORIS* MUSCLE IN THE SLOW LORIS *(NYCTICEBUS COUCANG). Ann. Sci. Nat. Zool. Biol. Anim.* 5(2):67-74. 1983. In English with French summ. WR 193
[Dep. Biol. Anthropol., Fac. Human Sci., Osaka Univ., Suita, Osaka, 565 Japan]

84-004285 Islam, Md. Anwarul and K. Z. Husain. A PRELIMINARY STUDY ON THE ECOLOGY OF THE CAPPED LANGUR. *Folia Primatol.* 39(1-2):145-159. Sept.-Oct. 1982. WR 193
[c/o S.P. Gittins, Dep. Appl. Biol., UWIST, King Edward VII Ave., Cardiff CF1 3NU, Wales] *Presbytis pileatus* in Bangladesh.

84-004286 Jolly, Alison; William L. R. Oliver and Sheila M. O'Connor. POPULATION AND TROOP RANGES OF *LEMUR CATTA* AND *LEMUR FULVUS* AT BERENTY, MADAGASCAR: 1980 CENSUS. *Folia Primatol.* 39(1-2):115-123. Sept.-Oct. 1982. WR 193
[Rockefeller Univ., 1230 York Ave., New York, NY 10021]

84-004287 Jolly, Alison; Herbert Gustafson; William L. R. Oliver and Sheila M. O'Connor. *PROPITHECUS VERREAUXI* POPULATION AND RANGING AT BERENTY, MADAGASCAR, 1975 AND 1980. *Folia Primatol.* 39(1-2):124-144. Sept.-Oct. 1982. WR 193
[Rockefeller Univ., 1230 York Ave., New York, NY 10021]

84-004288 Jones, Clara B. DO HOWLER MONKEYS FEED UPON LEGUME FLOWERS PREFERENTIALLY AT FLOWER OPENING TIME? *Brenesia* 21:41-46. Nov. 1983. WR 193
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA]

84-004289 Jouffroy, F. K.; S. Renous and J. P. Gasc. ÉTUDE CINÉRADIOGRAPHIQUE DES DÉPLACEMENTS DU MEMBRE ANTÉRIEUR DU POTTO DE BOSMAN (*PERODICTICUS POTTO*, P.L.S. MÜLLER, 1766) AU COURS DE LA MARCHE QUADRUPÈDE SUR UNE BRANCHE HORIZONTALE. [A CINEFLUOROGRAPHICAL STUDY OF THE MOVEMENTS OF THE POTTO'S FORELIMBS DURING QUADRUPEDAL BRANCH WALKING.] *Ann. Sci. Nat. Zool. Biol. Anim.* 5(2):75-87. 1983. In French

PRIMATES (CONTINUED)

84-004289 CONTINUED with English summ. WR 193
[Lab. Anat. Comp., 55 rue Buffon, F 75005, Paris, France]

84-004290 Jouffroy, F.-K.; H. Ishida and W. L. Jungers. LES SYSTÈMES LOCOMOTEURS CHEZ LES PRIMATES: HOMMAGE À GIOVANNI A. BORELLI (1608-1679). [THE LOCOMOTOR SYSTEMS OF PRIMATES: PAYING HOMAGE TO G.A. BORELLI (1608-1679).] *Ann. Sci. Nat. Zool. Biol. Anim.* 5(2):53-65. 1983. In French with English summ. WR 193
[Lab. Anat. Comp., 55 rue Buffon, 75005 Paris, France]

84-004291 Jungers, W. L.; J. T. Stern, Jr. and F. K. Jouffroy. FUNCTIONAL MORPHOLOGY OF THE *QUADRICEPS FEMORIS* IN PRIMATES: A COMPARATIVE ANATOMICAL AND EXPERIMENTAL ANALYSIS. *Ann. Sci. Nat. Zool. Biol. Anim.* 5(2):101-116. 1983. In English with French summ. WR 193
[Dep. Anat. Sci., Health Sci. Cent., State Univ. N.Y., Stony Brook, Long Island 11794]

84-004292 Kawamoto, Y. [DIVERSIFICATION OF MACAQUES CHARACTERIZED BY THE STUDY ON GENETIC VARIATIONS.] *Monkey* 27(1-2):32-37. 1983. In Japanese. WR 193
Macaca spp.

84-004293 Kimani, James Kirumbi. SOME HISTOLOGICAL ASPECTS OF THE PALMAR DIGITAL PADS IN THE VERVET MONKEY. *Folia Primatol.* 41(1-2):147-155. Nov. 1983. WR 193
[Dep. Human Anat., Univ. Nairobi, Nairobi, Kenya] *Cercopithecus pygerythrus.*

84-004294 King, Barry F. FINE STRUCTURE OF THE PLACENTA AND CHORIONIC VESICLES OF THE BUSH BABY, *GALAGO CRASSICAUDATA*. *Am. J. Anat.* 169(1):101-116. Jan. 1984. WR 193
[School Med., Dep. Human Anat., Univ. Calif., Davis 95616]

84-004295 Kirkwood, James K. EFFECTS OF DIET ON HEALTH, WEIGHT AND LITTER-SIZE IN CAPTIVE COTTON-TOP TAMARINS *SAGUINUS OEDIPUS OEDIPUS*. *Primates* 24(4):515-520. Oct. 1983. WR 193
[Dep. Pathol., Univ. Bristol Med. School, University Walk, Bristol BS8 1TD, England]

84-004296 Konstant, William; Jack T. Stern, Jr.; John G. Fleagle and William L. Jungers. FUNCTION OF THE SUBCLAVIUS MUSCLE IN A NONHUMAN PRIMATE, THE SPIDER MONKEY (*ATELES*). *Folia Primatol.* 38(3-4):170-182. July-Aug. 1982. WR 193
[Dep. Anat. Sci., State Univ. N.Y. Stonybrook, Long Island 11794]

84-004297 Le Bras, J.; B. Larouze; Monique Geniteau; Béatrice Andrieu; Marie-Christine Dazza and F. Rodhain. MALARIA, ARBOVIRUS AND HEPATITIS INFECTIONS IN *MACACA FASCICULARIS* FROM MALAYSIA. *Lab. Anim.*

PRIMATES (CONTINUED)

84-004297 CONTINUED 18(1):61-64. Jan. 1984. WR 193
[Inst. Méd. & Epidémiol. Trop., Hôpital Claude Bernard, 75944 Paris Cédex 19, France]

84-004298 Ling, E. A. SCANNING ELECTRON MICROSCOPIC STUDY OF EPIPLEXUS CELLS IN THE LATERAL VENTRICLES OF THE MONKEY (*MACACA FASCICULARIS*). *J. Anat.* 137(4):645-652. Dec. 1983. WR 193
[Dep. Anat., Fac. Med., Natl. Univ. Singapore, Sepoy Lines, Singapore 0316]

84-004299 Lucotte, G.; C. Gautreau; G. Galat and A. Galat-Luong. POLYMORPHISME ÉLECTROPHORÉTIQUE DES DIFFÉRENTES SOUS-ESPÈCES DE *CERCOPITHECUS AETHIOPS*. [ELECTROPHORETIC POLYMORPHISM IN DIFFERENT SUBSPECIES OF *CERCOPITHECUS AETHIOPS*.] *Folia Primatol.* 38(3-4):183-195. July-Aug. 1982. In French with English summ. WR 193
[Lab. d'Immunol.-Enzymol. CNTS, 9 rue Alexandre-Cabanel, F-75739 Paris, Cedex 15 France]

84-004300 Müller, E. F. HEART RATE IN THE SLOW LORIS (*NYCTICEBUS COUCANG*). DAILY VARIATION, EFFECTS OF AMBIENT TEMPERATURE AND ROLE FOR OXYGEN TRANSPORT IN BLOOD. *Folia Primatol.* 38(3-4):250-258. July-Aug. 1982. WR 193
[Inst. Biol. III, Univ. Tübingen, Auf der Morgenstelle 28, D-7400 Tübingen, West Germany]

84-004301 Mallinson, Jeremy J. C. THE BREEDING OF GREAT APES AT THE JERSEY WILDLIFE PRESERVATION TRUST AND A LOOK INTO THE FUTURE. *Zoo Biol.* 3(1):1-11. 1984. WR 193
[Jersey Wildl. Preservation Trust, Les Augrès, Manor, Jersey, Channel Islands, United Kingdom]

84-004302 Matsumoto, Shin. A NEW COORDINATE SYSTEM USING THE ORBITAL AXIS FOR MORPHOLOGICAL ANALYSIS OF PRIMATE SKULLS. *Primates* 24(4):546-566. Oct. 1983. WR 193
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan]

84-004303 Matsuzawa, Tetsuro; Yoshinori Hasegawa; Shunji Gotoh and Kazuo Wada. ONE-TRIAL LONG-LASTING FOOD-AVERSION LEARNING IN WILD JAPANESE MONKEYS (*MACACA FUSCATA*). *Behav. Neural Biol.* 39(2):155-159. Nov. 1983. WR 193
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan]

84-004304 McNees, D. W.; R. W. Lewis; B. J. Ponzio; F. J. Stein and R. F. Sis. CARBOHYDRATE TOLERANCE, SERUM ALBUMIN AND PROTEIN VALUES OF NORMAL AND "WASTER" MARMOSETS (*CALLITHRIX JACCHUS*). *Primates* 24(4):537-545. Oct. 1983. WR 193
[Dep. Biochem. & Biophysics, Tex. A&M Univ., College Station 77843]

84-004305 McSwain, William Randolph. A SURVEY OF NEMATODE PARASITES FROM THE PRIMATE GENERA *MACACA, PAPIO,* AND *CERCOPITHECUS*. *Ph.D. dissertation, Univ. Northern Colo.* 124p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1746. Dec. 1983. WR 193

84-004306 Menzfeld, Marion; Uwe Hollihn and Carsten Niemitz. UNTERSUCHUNGEN ZU DEN SOZIALEN BEZIEHUNGEN INNERHALB ZWEIER GRUPPEN VON SULAWESI-MAKAKEN (*M. MAURA, M. TONKEANA HECKI, M. O. OCHREATA, M. N. NIGRA* UND HYBRIDEN) IM ZOOLOGISCHEN GARTEN BERLIN. [STUDIES OF THE SOCIAL RELATIONS WITHIN TWO GROUPS OF SULAWESI MACAQUES (*M. MAURA, M. TONKEANA HECKI, M. O. OCHREATA, M. N. NIGRA*, AND HYBRIDS) KEPT AT THE ZOOLOGICAL GARDEN OF BERLIN.] *Verh. Dtsch. Zool. Ges.* 76:196. 1983. German abstract only. WR 193
[Arbeitsgruppe Humanbiol., Freie Univ. Berlin, Fabeckstr. 15, D-1000 Berlin 33, West Germany] *Macaca*.

84-004307 Mittermeier, Russell A.; William R. Konstant; Howard Ginsberg; Marc G. M. Van Roosmalen and Espedito Cordeiro Da Silva, Jr. FURTHER EVIDENCE OF INSECT CONSUMPTION IN THE BEARDED SAKI MONKEY, *CHIROPOTES SATANAS CHIROPOTES*. *Primates* 24(4):602-605. Oct. 1983. WR 193
[World Wildl. Fund, U.S., 1601 Connecticut Ave., N.W., Washington, DC 11794]

84-004308 Mori, Akio. COMPARISON OF THE COMMUNICATIVE VOCALIZATION AND BEHAVIORS OF GROUP RANGING IN EASTERN GORILLAS, CHIMPANZEES AND PYGMY CHIMPANZEES. *Primates* 24(4):486-500. Oct. 1983. WR 193
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi 484, Japan] *Gorilla gorilla, Pan troglodytes schweinfurthii,* and *P. paniscus* in Tanzania and Zaire.

84-004309 Nadler, R. D. and L. C. Miller. INFLUENCE OF MALE AGGRESSION ON MATING OF GORILLAS IN THE LABORATORY. *Folia Primatol.* 38(3-4):233-239. July-Aug. 1982. WR 193
[Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, GA 30322] *Gorilla gorilla*.

84-004310 Nadler, Ronald D. and Delwood C. Collins. RESEARCH ON REPRODUCTIVE BIOLOGY OF GORILLAS. *Zoo Biol.* 3(1):13-25. 1984. WR 193
[Yerkes Regional Primate Cent., Emory Univ., Atlanta, GA 30322] *Gorilla gorilla*.

84-004311 Nakamichi, Masayuki. DEVELOPMENT OF INFANT TWIN JAPANESE MONKEYS (*MACACA FUSCATA*) IN A FREE-RANGING GROUP. *Primates* 24(4):576-583. Oct. 1983. WR 193
[Fac. Human Sci., Osaka Univ., Yamadaoka, Suita, Osaka 565, Japan]

84-004312 Nash, Leanne T. SOCIO-ECOLOGICAL COMPARISONS OF TWO KENYAN GALAGOS. *Ariz. State Univ., Tempe* 10p. Oct. 1982. From U.S. Government Reports 83(26):6455. 23 Dec. 1983. Available from NTIS as PB83-249953. WR 193
Galago spp. in Kenya.

84-004313 Niemitz, Carsten. NEW RESULTS ON THE LOCOMOTION OF *TARSIUS BANCANUS*, HORSFIELD, 1821. *Ann. Sci. Nat. Zool. Biol. Anim.* 5(2):89-100. 1983. In English with French summ. WR 193
[Fabeckstr. 15, 1000 Berlin 33, West Berlin, West Germany]

PRIMATES (CONTINUED)

84-004314 Nishida, Toshisada. ALLOPARENTAL BEHAVIOR IN WILD CHIMPANZEES OF THE MAHALE MOUNTAINS, TANZANIA. *Folia Primatol.* 41(1-2):1-33. Nov. 1983. WR 193
[Dep. Anthropol., Univ. Tokyo, Tokyo, Japan] *Pan troglodytes*.

84-004315 Nogami, Yasuo and Masaaki Yoneda. STRUCTURAL PATTERNS OF ENAMEL IN THE SUPERFAMILY CEBOIDEA. *Primates* 24(4):567-575. Oct. 1983. WR 193
[Primate Res. Inst., Kyoto Univ., Inuyama, Aichi, 484 Japan]

84-004316 Ohi, T. [SALT EATING MONKEYS IN YAKU-ILAND.] *Monkey* 27(1-2):67. 1983. In Japanese. WR 193

84-004317 Pagès, Elisabeth. IDENTIFICATION, CARACTÉRISATION ET RÔLE DU JEU SOCIAL CHEZ UN PROSIMIEN NOCTURNE, *MICROCEBUS COQUERELI*. [IDENTIFICATION, CHARACTERIZATION, AND ROLE OF SOCIAL PLAY IN A NOCTURNAL PROSIMIAN, *MICROCEBUS COQUERELI*.] *Biol. Behav.* 8(4):319-343. 1983. In French with Engligh summ. WR 193
[Lab. Ecol. Brunoy, Mus. Natl. Hist. Nat., F-91800 Brunoy, France]

84-004318 Pallaud, Berthille. CONSÉQUENCES D'UN CHANGEMENT DE HIÉRARCHIE ET DE TERRITOIRE DANS UN GROUPE DE MACAQUES CRABIERS (*MACACA FASCICULARIS*). [CONSEQUENCES OF A HIERARCHIC AND TERRITORIAL CHANGE IN A GROUP OF CRAB-EATING MONKEYS (*MACACA FASCICULARIS*).] *Biol. Behav.* 9(1):89-99. 1984. In French with English summ. WR 193
[Dep. Psychol Anim., C.N.R.S.-INP 9, 31 Chemin Joseph-Aiguier, F 13402 Marseille Cedex 9, France]

84-004319 Perret, Martine. STRESS-EFFECTS IN *MICROCEBUS MURINUS*. *Folia Primatol.* 39(1-2):63-114. Sept.-Oct. 1982. WR 193
[Lab. Ecol. Générale, ERA410, Ave. Petit Château, F-91800 Brunoy, France]

84-004320 Pook, A. G. and G. Pook. POLYSPECIFIC ASSOCIATION BETWEEN *SAGUINUS FUSCICOLLIS*, *SAGUINUS LABIATUS*, *CALLIMICO GOELDII* AND OTHER PRIMATES IN NORTH-WESTERN BOLIVIA. *Folia Primatol.* 38(3-4):196-216. July-Aug. 1982. WR 193
[c/o Dr. A. Carr, Conserv. Dep., N.Y. Zool. Soc., Bronx Zoo, Bronx 10460]

84-004321 Preuss, Todd M. THE FACE OF *SIVAPITHECUS INDICUS*: DESCRIPTION OF A NEW, RELATIVELY COMPLETE SPECIMEN FROM THE SIWALIKS OF PAKISTAN. *Folia Primatol.* 38(3-4):141-157. July-Aug. 1982. WR 193
[Dep. Anthropol., Yale Univ., New Haven, CT 06520]

84-004322 Puleo, Stephanie G.; Evan L. Zucker and Terry L. Maple. SOCIAL REHABILITATION AND FOSTER MOTHERING IN CAPTIVE ORANG-UTANS. *Zool. Gart.* 53(3/5):196-202. 1983. In English. WR 193
[School Psychol., Ga. Inst. Technol., Atlanta 30332]

84-004323 Röhrer-Ertl, Olav. ZUR ERFORSCHUNGSGESCHICHTE UND NAMENGEBUNG BEIM ORANG-UTAN, *PONGO SATYRUS* (LINNAEUS, 1758); SYNON. *PONGO PYGMAEUS* (HOPPIUS, 1763). (MIT KURZBIBLIOGRAPHIE). [HISTORY OF

84-004323 CONTINUED RESEARCH AND NOMENCLATURE OF THE ORANG-UTAN, *PONGO SATYRUS* (LINNAEUS, 1758); SYNON. *PONGO PYGMAEUS* (HOPPIUS, 1763). (WITH SHORT BIBLIOGRAPHY).] *Spixiana* 6(3):301-332. Nov. 1983. In German with English summ. WR 193
[Zool. Staatssammlung, Maria-Ward-Str. 1b, 8000 Munich, West Germany]

84-004324 Salter, R. E. and K. M. Aken. THE PROBOSCIS MONKEY IN BAKO NATIONAL PARK, SARAWAK. *Tigerpaper* 10(3):6-8. 1983. WR 193
Nasalis larvatus.

84-004325 Schroeder, Hubert E. and Annemarie Dörig-Schwarzenbach. AGE-RELATED DECLINE OF LYMPHOID-TISSUE COMPONENTS IN THE ORAL MUCOSA OF THE LIP, CHEEK AND SOFT PALATE OF *MACACA FASCICULARIS*. *Cell Tissue Res*. 235(1):195-199. Jan. 1984. WR 193
[Dep. Oral Structural Biol., Dental Inst., Univ. Zürich, Plattenstr. 11, CH-8028 Zürich, Switzerland]

84-004326 Sekulic, Ranka. DAILY AND SEASONAL PATTERNS OF ROARING AND SPACING IN FOUR RED HOWLER *ALOUATTA SENICULUS* TROOPS. *Folia Primatol*. 39(1-2):22-48. Sept.-Oct. 1982. WR 193
[9753 S.W. Appaloosa Place, Beoverton, OR 97005]

84-004327 Sekulic, Ranka. BEHAVIOR AND RANGING PATTERNS OF A SOLITARY FEMALE RED HOWLER (*ALOUATTA SENICULUS*). *Folia Primatol*. 38(3-4):217-232. July-Aug. 1982. WR 193
[c/o Daniel J. Chivers, Subdep. Vet. Anat., Univ. Cambridge, Cambridge CB2 1QS, England]

84-004328 Sekulic, Ranka. SPATIAL RELATIONSHIPS BETWEEN RECENT MOTHERS AND OTHER TROOP MEMBERS IN RED HOWLER MONKEYS (*ALOUATTA SENICULUS*). *Primates* 24(4):475-485. Oct. 1983. WR 193
[9753 S.W. Appaloosa Pl., Beaverton, OR 97005]

84-004329 Simpson, M. J. A. and A. E. Simpson. BIRTH SEX RATIOS AND SOCIAL RANK IN RHESUS MONKEY MOTHERS. *Nature* 300(5887):440-441. 2 Dec. 1982. WR 193
[MRC Unit Dev. & Integration Behav., Madingley, Cambridge CB3 8AA, England]
Macaca mulatta.

84-004330 Soini, Pekka. ECOLOGY AND POPULATION DYNAMICS OF THE PYGMY MARMOSET, *CEBUELLA PYGMAEA*. *Folia Primatol*. 39(1-2):1-21. Sept.-Oct. 1982. WR 193
[Proyecto Primates, P.O. Box 621, Iquitos, Loreto, Peru]

84-004331 Stanyon, R.; G. Ardito; L. Lamberti and P. Bigatti. THE BANDED KARYOTYPES OF *MACACA FUSCATA* COMPARED WITH *CERCOCEBUS ATERRIMUS*. *Folia Primatol*. 41(1-2):137-146. Nov. 1983. WR 193
[Inst. Anthropol., Florence, Italy]

84-004332 Stemmler-Morath, Carl. ERINNERUNGEN AN EINE ORANG-UTAN-GEBURT. [RECOLLECTIONS OF THE BIRTH OF AN ORANGUTAN.] *Zool. Gart*. 53(3/5):329-338. 1983. In German. WR 193
[Weiherhofstr. 132, CH-4054, Basel, Switzerland]

PRIMATES (CONTINUED)

84-004333 Stevens, R. B. COLOMBIAN AND PERUVIAN PRIMATE CENSUSING STUDIES. *Natl. Res. Council, Washington, D.C.* 109p. June 1975. From U.S. Government Reports 84(6):34. 16 Mar. 1984. Available from NTIS as AD-A135 700/3. WR 193

84-004334 Stralendorff, F. v. CHEMISCHE KOMMUNIKATION DURCH SPEZIFISCHE URINKOMPONENTEN BEI *TUPAIA BELANGERI*. [CHEMICAL COMMUNICATION BY SPECIFIC COMPONENTS OF URINE IN *TUPAIA BELANGERI*.] *Verh. Dtsch. Zool. Ges.* 76:176. 1983. German abstract only. WR 193
[Lehrstuhl Tierphysiol., Univ. Bayreuth, Universitätsstr. 30/NW 1, D-8580 Bayreuth, West Germany]

84-004335 Sugardjito, Jito. SELECTING NEST-SITES OF SUMATRAN ORANG-UTANS, *PONGO PYGMAEUS ABELII* IN THE GUNUNG LEUSER NATIONAL PARK, INDONESIA. *Primates* 24(4):467-474. Oct. 1983. WR 193
[Mus. Zool. Bogoriense, Natl. Biol. Inst., Jalan Juanda 18, Bogor, Indonesia]

84-004336 Swindler, Daris R. VARIATION AND HOMOLOGY OF THE PRIMATE HYPOCONULID. *Folia Primatol.* 41(1-2):112-123. Nov. 1983. WR 193
[Dep. Anthropol., Univ. Wash., Seattle] *Theropithecus gelada*.

84-004337 Szabo, J. and W. M. Cowan. A STEREOTAXIC ATLAS OF THE BRAIN OF THE CYNOMOLGUS MONKEY (*MACACA FASCICULARIS*). *J. Comp. Neurol.* 222(2):265-300. 10 Jan. 1984. WR 193
[Dep. Anat., School Med., Fac. Health Sci., Univ. Ottawa, Ottawa, Ontario, Canada K1H 8M5]

84-004338 Takenaka, A. [AN ARTIFICIALLY RAISED TUPAI.] *Monkey* 27(1-2):56-61. 1983. In Japanese. WR 193
Tupaia sp. in Japan.

84-004339 Tattersall, Ian. STUDIES ON THE LEMURS OF THE COMORO ARCHIPELAGO. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 641-654. 1983. WR 193
[Am. Mus. Nat. Hist., New York, NY] *Lemur mongoz* and *L. fulvus*.

84-004340 Tay, S. S. W.; W. C. Wong and E. A. Ling. AN ULTRASTRUCTURAL STUDY OF THE NEURONAL CHANGES IN THE CARDIAC GANGLIA OF THE MONKEY (*MACACA FASCICULARIS*) FOLLOWING UNILATERAL VAGOTOMY. *J. Anat.* 138(1):67-80. Jan. 1984. WR 193
[Dep. Anat., Fac. Med., Natl. Univ. Singapore, Kent Ridge, Singapore 0511]

84-004341 Terborgh, John and Charles H. Janson. ECOLOGY OF PRIMATES IN SOUTHEASTERN PERU. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 655-662. 1983. WR 193
[Dep. Biol., Princeton Univ., Princeton, NJ] Data for 13 spp.

84-004342 Torres de Assumpção, C. ECOLOGICAL AND BEHAVIOURAL INFORMATION ON *BRACHYTELES ARACHNOIDES*. *Primates* 24(4):584-593. Oct. 1983. WR 193
[Zool. Dep., Univ. Edinburgh, West Mains Rd., Edinburgh, Scotland EH9 3JT]

PRIMATES (CONTINUED)

84-004343 Tuggle, Benjamin N. and Bruce A. Beehler. THE OCCURRENCE OF *PTERYGODERMATITES NYCTICEBI* (NEMATODA: RICTULARIIDAE) IN A CAPTIVE SLOW LORIS, *NYCTICEBUS COUCANG*. *Proc. Helminthol. Soc. Wash.* 51(1):162-163. Jan. 1984. WR 193
[Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 53711]

84-004344 Turner, T. R.; P. T. Wade and H. W. Mohrenweiser. VARIATION IN ERYTHROCYTE ENZYME ACTIVITY AMONG PRIMATE SPECIES. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(3):541-545. 1984. WR 193
[Dep. Human Genet., Univ. Mich. Med. School, Ann Arbor 48109]

84-004345 Uehara, Shigeo and Ramadhani Nyundo. ONE OBSERVED CASE OF TEMPORARY ADOPTION OF AN INFANT BY UNRELATED NULLIPAROUS FEMALES AMONG WILD CHIMPANZEES IN THE MAHALE MOUNTAINS, TANZANIA. *Primates* 24(4):456-466. Oct. 1983. WR 193
[Fac. Gen. Educ., Sapporo Univ., 3-7-243-2, Nishioka, Toyohira-ku, Sapporo 062, Japan] *Pan troglodytes schweinfurthii* in Tanzania.

84-004346 Veit, Peter G. GORILLA SOCIETY. *Nat. Hist.* 91(3):48-59. Mar. 1982. WR 193
Gorilla gorilla.

84-004347 Walker, Margaret L.; Mark E. Wilson and Thomas P. Gordon. FEMALE RHESUS MONKEY AGGRESSION DURING THE MENSTRUAL CYCLE. *Anim. Behav.* 31(4):1047-1054. Nov. 1983. WR 193
[Yerkes Regional Primate Res. Cent., Emory Univ., Atlanta, GA 30322] *Macaca mulatta*.

84-004348 Wilson, M. E.; T. P. Gordon; M. S. Blank and D. C. Collins. TIMING OF SEXUAL MATURITY IN FEMALE RHESUS MONKEYS (*MACACA MULATTA*) HOUSED OUTDOORS. *J. Reprod. Fert.* 70(2):625-633. Mar. 1984. WR 193
[Yerkes Regional Primate Res. Cent., Field Stn., 2409 Collins Hill Rd., Lawrenceville, GA 30245]

84-004349 Wolf, Katherine and Steven Robert Schulman. MALE RESPONSE TO "STRANGER" FEMALES AS A FUNCTION OF FEMALE REPRODUCTIVE VALUE AMONG CHIMPANZEES. *Am. Nat.* 123(2):163-174. Feb. 1984. WR 193
[Dep. Anthropol., Yale Univ., New Haven, CT 06520] *Pan troglodytes*.

84-004350 Woodcock, Alison. THE SOCIAL RELATIONSHIPS OF TWIN COMMON MARMOSETS (*CALLITHRIX JACCHUS*) AND THEIR BREEDING SUCCESS. *Primates* 24(4):501-514. Oct. 1983. WR 193
[15 Edgehill St., Reading, England]

84-004351 Yamagiwa, J. [IN PURSUIT OF MOUNTAIN GORILLAS - 1 -.] *Monkey* 27(1-2):6-13. 1983. In Japanese. WR 193
Gorilla gorilla in Africa.

84-004352 Yamagiwa, J. [LIFE OF THE MOUNTAIN GORILLA IN RUANDA.] *Monkey* 27(1-2):27-31. 1983. In Japanese. WR 193
Gorilla gorilla.

OTHER MAMMALS

84-004353 Dash, Ashok K. ELEPHANT MEAT CONSUMPTION IN ORISSA, INDIA. *Tigerpaper* 10(3):14. 1983. WR 193
[Qr No VR 2/1, Unit-III Bhubaneswar, Orissa, India] *Elephas maximus*.

84-004354 Devine, J. E.; W. J. Boever and E. Miller. ISONIAZID THERAPY IN AN ASIATIC ELEPHANT (*ELEPHAS MAXIMUS*). *J. Zoo Anim. Med.* 14(4):130-133. Dec. 1983. WR 193
[Dep. Pathol., Saint Louis Univ. School Med., St. Louis, MO 63104]

84-004355 Gardiner, C. H. and R. M. Werner. POLYPOID GASTRITIS IN A SCALY ANTEATER CAUSED BY LARVAE OF *GENDRESPIRURA* SP. *J. Wildl. Dis.* 20(1):68-70. Jan. 1984. WR 193
[Dep. Vet. Pathol., Armed Forces Inst. Pathol., Washington, DC 20306] *Manis javanicus*.

84-004356 Gogoi, P. C. DOMESTICATION OF ASIAN ELEPHANTS *(ELEPHAS MAXIMUS)*. *Tigerpaper* 10(4):21-26. 1983. WR 193

84-004357 Grant, T. R.; Mervyn Griffiths and R. M. C. Leckie. ASPECTS OF LACTATION IN THE PLATYPUS, *ORNITHORHYNCHUS ANATINUS* (MONOTREMATA), IN WATERS OF EASTERN NEW SOUTH WALES. *Aust. J. Zool.* 31(6):881-889. 1983. WR 193
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

84-004358 Jachmann, Hugo. SPATIAL ORGANIZATION OF THE KASUNGU ELEPHANT. *Bijdr. Dierkd.* 53(2):179-186. 1983. In English with French summ. WR 193
[Bergsingel 72a, 3037 GH Rotterdam, Netherlands] *Loxodonta africana* in Malawi.

84-004359 Lark, R. M. A COMPARISON BETWEEN TECHNIQUES FOR ESTIMATING THE AGES OF AFRICAN ELEPHANTS (*LOXODONTA AFRICANA*). *Afr. J. Ecol.* 22(1):69-71. Mar. 1984. In English with French summ. WR 193
[5 Kingsmead Ave., Tolworth, Surrey KT6 7PP, England]

84-004360 Meister, Rolf. ZUR ANATOMIE DER BACKENSAHNBILDUNG BEI ELEFANTEN. [CONTRIBUTION TO THE MOLAR TEETH ANATOMY OF ELEPHANTS.] *Zool. Gart.* 53(3/5):275-280. 1983. In German. WR 193
[Am. Tierpark 125, 1136 Berlin, East Germany] *Loxodonta africana*.

84-004361 Poole, Joyce H.; L. H. Kasman; E. C. Ramsay and B. L. Lasley. MUSTH AND URINARY TESTOSTERONE CONCENTRATIONS IN THE AFRICAN ELEPHANT (*LOXODONTA AFRICANA*). *J. Reprod. Fert.* 70(1):255-260. Jan. 1984. WR 193
[Sub-Dep. Anim. Behav., Madingley, Cambridge, England CB3 8AA]

84-004362 Rees, P. S. SYNCHRONIZATION OF DEFAECATION IN THE AFRICAN ELEPHANT (*LOXODONTA AFRICANA*). *J. Zool. (Lond.)* 201(4):581-585. Dec. 1983. WR 193
[Biol. Dep., Sokoto State Coll. Educ., P.M.B. 2129, Sokoto, Nigeria]

BIRDS--GENERAL

84-004363 Abou-Madi, Noha. LA DÉCOLORATION DES OISEAUX EN CAPTIVITÉ: LE RÔLE DU PIGMENT ALIMENTAIRE. [THE DECOLORATION OF BIRDS IN CAPTIVITY: THE ROLE OF FOOD PIGMENTS.] *Carnets Zool.* 43(4):56-58. 1983. In French. WR 193
[290 Ave. Morrison, Ville Mont-Royal, Montréal, Québec, Canada H3R 1K6]

84-004364 Barrowclough, George F. and Gerald F. Shields. KARYOTYPIC EVOLUTION AND LONG-TERM EFFECTIVE POPULATION SIZES OF BIRDS. *Auk* 101(1):99-102. Jan. 1984. WR 193
[Dep. Ornithol., Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024]

84-004365 Bartels, Robert F. and Wilma Zellhoefer. MIGRATORY BIRD USE OF THE COASTAL LAGOONAL SYSTEM OF THE BEAUFORT SEA COASTLINE OF NORTHEAST ALASKA, 1981 AND 1982. *Proc. Alaska Sci. Conf.* 34:77. 1983. Abstract only. WR 193
[U.S. Fish & Wildl. Serv., Arctic Natl. Wildl. Refuge, Fairbanks, AK]

84-004366 Casement, M. B. LANDBIRDS FROM SHIPS AT SEA 1981-82. *Sea Swallow* 32:23-41. 1981/82. WR 193

84-004367 Casement, M. B. OCEAN WEATHERSHIP LANDBIRD REPORTS 1981. *Sea Swallow* 32:42. 1981/82. WR 193

84-004368 Crawford, H. S.; R. W. Titterington and D. T. Jennings. BIRD PREDATION AND SPRUCE BUDWORM POPULATIONS. *J. For.* 81(7):433-434, 478. July 1983. WR 193
[U.S. For. Serv., Northeastern For. Exp. Stn., Univ. Maine, Orono 04469]

84-004369 Danilov, N. N. SPECIES POPULATION STRUCTURE IN BIRDS. *Sov. J. Ecol. (Engl. Transl. Ekologiya)* 14(3):131-135. Jan. 1984. Translated from Ekologiya No. 3. p. 12-17. May-June 1983. WR 193

84-004370 Eck, Siegfried. KATALOG DER ORNITHOLOGISCHEN SAMMLUNG DR. UDO BÄHRMANNS (2. FORTSETZUNG). [CATALOG OF THE ORNITHOLOGICAL COLLECTION OF DR. UDO BÄHRMANNS. 2. CONTINUATION.] *Zool. Abh. (Dres.)* 39(1):1-38. 1983. In German. WR 193

84-004371 Gollop, J. B. THE NEW BIRD IDENTIFICATION BOOKS. *Blue Jay* 42(1):3-11. Mar. 1984. WR 193
[Canadian Wildl. Serv., 115 Perimeter Rd., Saskatoon, Saskatchewan, Canada S7N 0X4]

84-004372 Grant, P. R. RECENT RESEARCH ON THE EVOLUTION OF LAND BIRDS ON THE GALAPAGOS. *Biol. J. Linn. Soc.* 21(1-2):113-136. Jan.-Feb. 1984. WR 193
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109-1048]

BIRDS--GENERAL (CONTINUED)

84-004373 Järvinen, Olli. KUINKA LINNUSTON SEURANTA TULISI SUOMESSA TOTEUTTAA? [HOW SHOULD A FINNISH MONITORING SYSTEM OF BIRD POPULATIONS BE IMPLEMENTED?] *Ornis Fenn.* 60(4):126-128. 1983. In Finnish with English summ. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-004374 Métras, L. MIGRATORY BIRDS KILLED IN CANADA DURING THE 1982 SEASON. *Can. Wildl. Serv. Progress Notes* No. 143. 39p. Feb. 1984. WR 193
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7]

84-004375 Maurer, Brian A. OVERLAP AND COMPETITION IN AVIAN GUILDS. *Am. Nat.* 121(6):903-907. June 1983. WR 193
[Stat. Support Unit, Coll. Agric., Univ. Ariz., Tucson 85721]

84-004376 Menkhorst, P. W. A BIBLIOGRAPHY OF RESEARCH BY THE VICTORIAN ORNITHOLOGICAL RESEARCH GROUP, 1962-1981. *Corella* 6(5):105-113. Dec. 1982. WR 193
[Natl. Mus. Victoria, 71 Victoria Crescent, Abbotsford, Victoria 3067, Australia]

84-004377 Pratt, Thane Kastle. SEED DISPERSAL IN A MONTANE FOREST IN PAPUA NEW GUINEA. *Ph.D. dissertation, Rutgers Univ.* 225p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1338. Nov. 1983. WR 193

84-004378 Reichholf, Josef H. DER BESTAND AN TYPENMATERIAL DER ORNITHOLOGISCHEN AUFSAMMLUNGEN VON J. B. V. SPIX IN DER ZOOLOGISCHEN STAATSSAMMLUNG MÜNCHEN. [A INVENTORY OF TYPE SPECIMENS FROM THE ORNITHOLOGICAL COLLECTIONS OF J. B. V. SPIX IN THE STATE ZOOLOGICAL COLLECTION MUNICH.] *Spixiana* Suppl. 9. p. 417-423. 15 Dec. 1983. In German with English summ. WR 193
[Zool. Staatssammlung, Maria-Ward-Str. 1B, 8000 Münich 19, West Germany]

84-004379 Sauer, Gordon C. AN EARLIER DATE FOR THE ARRIVAL IN AUSTRALIA OF JOHN GOULD'S "A SYNOPSIS OF THE BIRDS OF AUSTRALIA AND THE ADJACENT ISLANDS." *Emu* 83(2):118-119. June 1983. WR 193
[6400 Prospect Ave., Kansas City, MO 64132]

84-004380 Smith, Ann; Norah Lane; Hazel Patmore; Barbara Robinson; David Barnes and Mamie McCowan. TWENTY-THIRD ANNUAL NESTBOX REPORT FROM BRANDON, MANITOBA. *Blue Jay* 42(1):44-46. Mar. 1984. WR 193
[3011 Park Ave., Brandon, Manitoba, Canada R7B 2K3]

84-004381 Smith, R. W. J. BIRDWATCHING IN THE MOORFOOTS. *Scott. Birds* 12(8):252-255. 1983. WR 193
[33 Hunter Terrace, Loanhead, Midlothian, Scotland]

84-004382 Snow, D. W. and J. B. Nelson. EVOLUTION AND ADAPTATIONS OF GALAPAGOS SEA-BIRDS. *Biol. J. Linn. Soc.* 21(1-2):137-155. Jan.-Feb. 1984. WR 193

BIRDS--GENERAL (CONTINUED)

84-004382 CONTINUED
[Sub-Dep. Ornithol., British Mus. (Nat. Hist.), Tring, Hertfordshire HP23 6AP, England]

84-004383 Wang Shuzhen; Zheng Baolai and Yang Lan. [A RECORD ON THE NEST AND EGG OF FIVE SPECIES OF BIRDS IN XISHUANGBANNA OF YUNNAN.] *Zool. Res.* 4(4):308. 1983. In Chinese. WR 193

84-004384 Yahner, Richard H. SITE-RELATED NESTING SUCCESS OF MOURNING DOVES AND AMERICAN ROBINS IN SHELTERBELTS. *Wilson Bull.* 95(4):573-580. Dec. 1983. WR 193
[School For. Resour., Pa. State Univ., University Park 16802] *Zenaida macroura* and *Turdus migratorius* in Minnesota.

BIRDS--TECHNIQUES

84-004385 Duffy, David C. THE EFFECT OF WAVE HEIGHT ON BIRD COUNTS AT SEA. *Cormorant* 11(1/2):21-23. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004386 Ford, Hugh A.; Neville Forde and Susan Harrington. NON-DESTRUCTIVE METHODS TO DETERMINE THE DIETS OF BIRDS. *Corella* 6(1):6-10. Mar. 1982. WR 193
[Dep. Zool., Univ. New England, New Armidale, New South Wales 2351, Australia]

84-004387 Genevois, J. P.; P. Fayolle; A. Autefage; A. Cazieux and P. Bonnemaison. L'ANESTHÉSIE DES ESPÈCES INSOLITES IN PRATIQUE VÉTÉRINAIRE COURANTE. NOTE 2. L'ANESTHÉSIE DES OISEAUX. [ANAESTHESIA OF UNCOMMON SPECIES IN CURRENT VETERINARY PRACTICE. NOTE 2. BIRDS ANAESTHESIA.] *Rev. Med. Vet. (Toulouse)* 134(11):601-607. Nov. 1983. In French with English, German, and Spanish summ. WR 193
[Ecol. Natl. Vét., Toulouse, 23 Chemin des Capelles, F-31076, Toulouse, Cedex, France]

84-004388 Järvinen, Olli and Risto A. Väisänen. CORRECTION COEFFICIENTS FOR LINE TRANSECT CENSUSES OF BREEDING BIRDS. *Ornis Fenn.* 60(4):97-104. 1983. In English with Finnish summ. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-004389 Kavanagh, Rod and Harry F. Recher. EFFECTS OF OBSERVER VARIABILITY ON THE CENSUS OF BIRDS. *Corella* 7(5):93-100. Dec. 1983. WR 193
[For. Comm., West Pennant Hills, New South Wales 2120, Australia]

BIRDS--TECHNIQUES (CONTINUED)

84-004390 Keller, Marek. KILKA UWAG O SPOSOBIE OPRACOWYWANIA OBSERWACJI FAUNISTYCZNYCH. [ITERATIC METHOD OF IDENTIFICATION OF BIRDS.] *Notatki Ornitol.* 22(1-2):63-76. 1981. In Polish with English summ. WR 193
[Przebedowo, 84-210 Choczewo, Poland]

84-004391 Kentish, Barry J. A METHOD OF AUTOMATICALLY RECORDING BEHAVIOUR AT THE NEST SITE. *Emu* 82(4):229-230. Dec. 1982. WR 193
[Dep. Appl. Biol. & Environ. Sci., Ballarat Coll. Advanced Educ., Gear Ave., Mount Helen, Victoria 3350, Australia]

84-004392 Lake, P. E. and O. Ravie. AN EXPLORATION OF CRYOPROTECTIVE COMPOUNDS FOR FOWL SPERMATOZOA. *Br. Poult. Sci.* 25(1):145-150. Jan. 1984. WR 193
[Agric. & Food Res. Council's Poult. Res. Cent., Roslin, Midlothian EH25 9PS, Scotland]

84-004393 Lane, S. G. WEIGHT AND WINGSPAN MEASUREMENTS AS A MEANS OF SEXING BIRDS. *Corella* 6(4):92. Sept. 1982. WR 193
[65 Wood St., Lane Cove, New South Wales 2066, Australia]

84-004394 Marsden, J. Ellen and Bernie May. FEATHER PULP: A NON-DESTRUCTIVE SAMPLING TECHNIQUE FOR ELECTROPHORETIC STUDIES OF BIRDS. *Auk* 101(1):173-175. Jan. 1984. WR 193
[Cornell Lab. Ecol. & Evol. Genetics, Section Ecol. & Systematics, Cornell Univ., Ithaca, NY 14853]

84-004395 Milstein, P. le S. A SIMPLE EXTENSIBLE MISTNET POLE. *Safring News* 12(2):44-45. 1983. WR 193
[60 King St., Irene 1675, South Africa]

84-004396 Mityai, I. S. and N. I. Sichkar. [A DEVICE FOR STUDYING THE NESTS OF HOLLOW-NESTING BIRDS.] *Zool. Zh.* 63(1):130-132. Jan. 1984. In Russian with English summ. WR 193

84-004397 Pyke, Graham H. ANALYSIS OF AN INSTANTANEOUS CENSUS METHOD FOR HEATHLAND BIRDS. *Aust. Wildl. Res.* 10(3):521-526. 1983. WR 193
[Dep. Vertebr. Ecol., Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia]

84-004398 Stevenson, Miranda F. and Gordon Henderson. SEXING BIRDS. *R. Zool. Soc. Scotland Annu. Rep.* 70:36-39. 1982. WR 193

84-004399 Utschick, Hans. RASTERKARTIERUNG VON SOMMERVOGELBESTÄNDEN ZUR NUTZUNG DER BIOINDIKATION HÄUFIGER VOGELARTEN. [GRID MAPPING FOR ESTIMATING THE POPULATION DYNAMICS OF COMMON BIRDS AS BIOINDICATORS.] *J. Ornithol.* 125(1):39-57. 1984. In German with English summ. WR 193
[Lehrstuhl Landschatstechnik, Univ. Münich, Winzererstr. 45, D-8000 Münich 40, West Germany]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS

84-004400 Abbott, I. BIRDS RECORDED ON 22 TROPICAL ISLANDS OF WESTERN AUSTRALIA. *Corella* 6(5):119-122. Dec. 1982. WR 193
[Inst. For. Res. & Prot., Hayman Rd., Como, Western Australia 6152, Australia]

84-004401 Adam, Christopher I. G. and Alan R. Smith. THE SASKATCHEWAN BIRD ATLAS--A NEW PROJECT. *Blue Jay* 42(1):40-43. Mar. 1984. WR 193
[2636 Argyle St., Regina, Saskatchewan, Canada S4S 0K1]

84-004402 Adams, Raymond J., Jr. and David J. Powell. THE 1982-83 MICHIGAN CHRISTMAS BIRD COUNT. *Jack-Pine Warbler* 61(1):23-46. Mar. 1983. WR 193
[Kalamazoo Nat. Cent., 7000 N. Westnedge, Kalamazoo, MI 49007]

84-004403 Agapow, Lucjan and Józef Radkiewicz. NIEKTÓRE RZADSZE I CHRONIONE GATUNKI PTAKÓW NA ZIEMI LUBUSKIEJ. [SOME RARE AND PROTECTED BIRD SPECIES IN ZIEMIA LUBUSKA (THE REGION OF LUBUSZ).] *Chronmy Przyr. Ojczysta* 39(5):76-80. 1983. In Polish. WR 193

84-004404 Ash, J. S. BIRD OBSERVATIONS ON BALI. *Bull. Br. Ornithol. Club* 104(1):24-35. Mar. 1984. WR 193
[Div. Birds, Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

84-004405 Bayer, Range D. SEASONAL OCCURRENCES OF TEN WATERBIRD SPECIES AT YAQUINA ESTUARY, OREGON. *Murrelet* 64(3):78-86. 1983. WR 193
[P.O. Box 1467, Newport, OR 97365]

84-004406 Beecroft, R. and R. Wilkinson. ADDITIONS TO LOCAL AVIFAUNAS: KANO STATE. *Malimbus* 5(2):93. Dec. 1983. WR 193
[Hall Lane, Witnesham, Suffolk, England]

84-004407 Bell, H. L. A BIRD COMMUNITY OF LOWLAND RAINFOREST IN NEW GUINEA. 4. BIRDS OF SECONDARY VEGETATION. *Emu* 82(4):217-224. Dec. 1982. WR 193
[Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia]

84-004408 Bell, H. L. A BIRD COMMUNITY OF NEW GUINEAN LOWLAND RAINFOREST. 3. VERTICAL DISTRIBUTION OF THE AVIFAUNA. *Emu* 82(3):143-162. Aug. 1982. WR 193
[Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia]

84-004409 Bengtson, Sven-Axel and Dorete Bloch. ISLAND LAND BIRD POPULATION DENSITIES IN RELATION TO ISLAND SIZE AND HABITAT QUALITY ON THE FAROE ISLANDS. *Oikos* 41(3):507-522. Dec. 1983. In English with Russian summ. WR 193
[Mus. Zool., Univ. Lund, Helgonav. 3, S-223 62 Lund, Sweden]

84-004410 Bolduc, Don; Oscar Johnson and Dick Ruhme. THE SPRING SEASON (MARCH 1 TO MAY 31, 1983). *Loon* 55(4):158-176. 1983. WR 193
Bird list for Minnesota.

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004411 Brooke, R. K. ON THE 17TH CENTURY AVIFAUNA OF ROBBEN ISLAND, SOUTH AFRICA. *Cormorant* 11(1/2):15-20. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004412 Brown, John, editor. THE ROYAL AIR FORCE ORNITHOLOGICAL SOCIETY BARDSEY ISLAND 1982. *R. Air Force Ornithol. Soc. J.* No. 14. p. 113-146. Nov. 1983. WR 193

84-004413 Brown, M. and J. J. Dinsmore. SPECIES-AREA RELATIONSHIPS OF IOWA MARSH BIRDS. *Proc. Iowa Acad. Sci.* 91(1):98. Mar. 1984. Abstract only. WR 193
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011]

84-004414 Bull, Evelyn L. BIRD RESPONSE TO BEETLE-KILLED LODGEPOLE PINE. *Murrelet* 64(3):94-96. 1983. WR 193
[Pac. Northwest For. & Range Exp. Stn., U.S. For. Serv., La Grande, OR 97850]

84-004415 Bunn, Richard. SEASONAL REPORT - FALL 1982. *C.F.O. (Colo. Field Ornithol.) J.* 18(1):5-10. 1984. WR 193
[2727 Main, Colorado Springs, CO 80907]

84-004416 Burger, J. and M. Gochfeld. JAMAICA BAY STUDIES V: FLOCKING ASSOCIATIONS AND BEHAVIOR OF SHOREBIRDS AT AN ATLANTIC COASTAL ESTUARY. *Biol. Behav.* 8(4):289-318. 1983. In English with French summ. WR 193
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903]

84-004417 Burns, T. L. and R. B. Dahlgren. BIRDS NESTING IN FLOODED DEAD TREES IN RATHBUN RESERVOIR, IOWA. *Proc. Iowa Acad. Sci.* 91(1):99. Mar. 1984. Abstract only. WR 193
[Iowa State Univ., 11 Science II, Ames 50011]

84-004418 Busse, Przemyslaw; Ludwik Maksalon and Andrzej Petryna. AKCJA BALTYCKA 1980. SEKCJA POLSKA SPRAWOZDANIE Z PRACY. [OPERATION BALTIC 1980. POLISH SECTION.] *Notatki Ornitol.* 22(1-2):77-83. 1981. In Polish with English summ. WR 193

84-004419 Campbell, Rob and Roy Mackay. THE MORE INTERESTING BIRDS OF SOUTHERN HIGHLANDS PROVINCE. *Papua New Guinea Bird Soc. Newsl.* No. 197-198. p. 4-8. Nov.-Dec. 1982. WR 193

84-004420 Camphuysen, Kees (C. J.) and Jelle Van Dijk. ZEE-EN KUSTVOGELS LANGS DE NEDERLANDSE KUST, 1974-79. [SEABIRDS AND ESTUARY BIRDS ALONG THE NETHERLANDS COAST, 1974-79.] *Limosa* 56(3):87-230. 1983. In Dutch with English summ. WR 193

84-004421 Chapman, J. M., recorder. THE GAMBIA ORNITHOLOGICAL SOCIETY SEVENTH BIRD REPORT - 1981. *Gambia Ornithol. Soc.* 13p. 1981. WR 193

84-004422 Chapman, S. E. BIRDS ON PALAU DAMAR. *Sea Swallow* 32:22. 1981/82. WR 193

84-004423 Chase, Charles III and Richard Bunn. 1983 SPRING, SUMMER, FALL SEASONAL REPORT. *C.F.O. (Colo. Field Ornithol.) J.* 18(1):17-31. 1984. WR 193

84-004424 Christen, Walter. BRUTVOGELBESTÄNDE IN WÄLDERN UNTERSCHIEDLICHER BAUMARTEN- UND ALTERSKLASSENZUSAMMENSETZUNG. [DENSITIES OF NESTING BIRDS WITHIN FORESTS OF DIFFERENT SPECIES AND AGE CLASSES.] *Ornithol. Beob.* 80(4):281-291. Dec. 1983. In German with French summ. WR 193
[Haupstr. 13, CH-4522 Rüttenen, Switzerland]

84-004425 Clack, Lindsay Frederick. THE RELATIONSHIP BETWEEN VEGETATION STRUCTURE AND A FOREST BIRD COMMUNITY IN NORTHERN WEST VIRGINIA. *Ph.D. dissertation, W. Va. Univ.* 128p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2025. Jan. 1984. WR 193

84-004426 Clapp, G. E. BIRDS OF THE COASTAL VILLAGE OF AKO-ORO PROVINCE, PAPUA NEW GUINEA. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 29-30. Mar.-Apr. 1983. WR 193
[P.O. Box, 188, Popondetta, Oro Province, Papua New Guinea]

84-004427 Close, David; Elizabeth Close; Richard Loyn and Don Teese. THE SIWI UTAME WILDLIFE MANAGEMENT AREA. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 33-42. July-Aug. 1982. WR 193

84-004428 Dale, John E. ORNITHOLOGICAL REPORT FOR 1981. *Yorkshire Naturalists' Union* 61p. June 1983. WR 193

84-004429 De Naurois, René. FALCONIDAE, PSITTACIDAE ET STRIGIFORMES DES ILES DE SÃO TOMÉ ET PRINCIPE (GOLFE DE GUINÉE). [FALCONIDAE, PSITTACIDAE AND STRIGIFORMES OF THE ISLES OF SÃO TOMÉ ET PRINCIPE (GULF OF GUINEA).] *Bonn. Zool. Beitr.* 34(4):429-451. Dec. 1983. In French with German summ. WR 193
[2 Allée des Daims, 91800 Brunoy, France]

84-004430 Dekker, Dick. THIS LAKE IS FOR THE BIRDS. *Nat. Can. (Ottawa)* 11(3):17-21. July-Sept. 1983. WR 193

84-004431 Diamond, Jared M. and Michael E. Gilpin. BIOGEOGRAPHIC UMBILICI AND THE ORIGIN OF THE PHILIPPINE AVIFAUNA. *Oikos* 41(3):307-321. Dec. 1983. In English with Russian summ. WR 193
[Physiol. Dep., Univ. Calif. Med. School, Los Angeles 90024]

84-004432 Diamond, Jared M. SURVIVAL OF BIRD POPULATIONS STRANDED ON LAND-BRIDGE ISLANDS. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 127-141. 1983. WR 193
[Univ. Calif. Med. Cent., Los Angeles]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004433 Edwards, Ernest P. BIRDING ON THE YUCATÁN PENINSULA. *Living Bird Q.* 3(1):22-26. 1984. WR 193

84-004434 Ekman, Jan. STABILITY AND PERSISTENCE OF AN AGE-STRUCTURED AVIAN POPULATION IN A SEASONAL ENVIRONMENT. *J. Anim. Ecol.* 53(1):135-146. Feb. 1984. WR 193
[Dep. Zool., Univ. Gothenburg, Box 250 59, S-400 31, Gothenburg, Sweden]

84-004435 Evans, Keith E. and Roger L. Kirkman. GUIDE TO BIRD HABITATS OF THE OZARK PLATEAU. *U.S. For. Serv. Gen. Tech. Rep.* NC-68. vi + 79p. 1981. From Monthly Catalog of U.S. Government Publications 84-4476. Feb. 1984. WR 193

84-004436 Faanes, Craig A. BREEDING BIRDS OF WOODED DRAWS IN WESTERN NORTH DAKOTA. *Prairie Nat.* 15(4):173-187. Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., North. Prairie Wildl. Res. Cent., Jamestown, ND 58401]

84-004437 Finch, Brian W. BIRDS OF THE VANAPA-VEIMAURI KANOSIA - CAPE SUCKLING REGION WHERE AND HOW TO FIND THEM. CONCLUDING PART. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 26-27. Mar.-Apr. 1983. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004438 Finch, Brian W. BIRDS OF PORT MORESBY DISTRICT, WHERE AND HOW TO FIND THEM. I. HIRATANO HIGHWAY LOCALITIES (PART ONE). *Papua New Guinea Bird Soc. Newsl.* No. 195-196. p. 26-29. Sept.-Oct. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004439 Finch, Brian W. ANNOTATED LIST OF THE BIRDS RECORDED IN THE ZONES: VANAPA-VEIMAURI AND KANOSIA - CAPE SUCKLING (CONTINUED FROM SEPTEMBER-OCTOBER '82 NEWSLETTER). *Papua New Guinea Bird Soc. Newsl.* No. 197-198. p. 11-37. Nov.-Dec. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004440 Finch, Brian W. BIRDS OF THE VANAPA-VEIMAURI KANOSIA-CAPE SUCKLING REGIONS. PART THREE. *Papua New Guinea Bird Soc. Newsl.* No. 199-200. p. 17-40. Jan.-Feb. 1983. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004441 Fog, Af Mette. OM FUGLELIVET PÅ MÅGEØERNE VED BOGENSE 1967-1980. [THE BIRD LIFE ON THE ISLANDS OF MÅGEØERNE.] *Flora Fauna* 88:51-60. 1982. In Danish with English summ. WR 193

84-004442 Fraser, M. W. THE DENSTONE EXPEDITION TO INACCESSIBLE ISLAND. *Cormorant* 11(1/2):69-73. Dec. 1983. WR 193
[Denstone Coll., Uttoxeter, Staffordshire ST14 5HN, England]

84-004443 Górski, Wojciech. LEGOWA AWIFAUNA SRÓDMIESCIA PECSU (POLUDNIOWE WEGRY) W ROKU 1978. [BREEDING BIRDS OF THE CENTRE OF PECS (SOUTH HUNGARY) IN 1978.] *Notatki Ornitol.* 22(1-2):19-35. 1981. In

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004443 CONTINUED Polish with English summ. WR 193
[Zaklad Biol. WSP, ul. Arciszewskiego 22a, 76-200 Slupsk, Poland]

84-004444 Gill, B. J. APRIL BIRD-COUNTS AT OHAU GORGE NEAR LEVIN. *Notornis* 30(4):337-339. Dec. 1983. WR 193
[Auckland Inst. & Mus., Private Bag, Auckland 1, New Zealand]

84-004445 Goodman, Steven M. and Peter L. Ames. A CONTRIBUTION TO THE ORNITHOLOGY OF THE SIWA OASIS AND QATTARA DEPRESSION, EGYPT. *Sandgrouse* No. 5. p. 82-96. 1983. WR 193
[Bird Div., Mus. Zool., Univ. Mich., Ann Arbor 48109]

84-004446 Graber, Jean A. and Richard R. Graber. EXPECTABLE DECLINE OF FOREST BIRD POPULATIONS IN SEVERE AND MILD WINTERS. *Wilson Bull.* 95(4):682-690. Dec. 1983. WR 193
[Ill. Nat. Hist. Surv., Nat. Resour. Bldg., 607 E. Peabody, Champaign 61820]

84-004447 Graves, Gary R. and Nicholas J. Gotelli. NEOTROPICAL LAND-BRIDGE AVIFAUNAS: NEW APPROACHES TO NULL HYPOTHESES IN BIOGEOGRAPHY. *Oikos* 41(3):322-333. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306]

84-004448 Grzybowski, Joseph A. PATTERNS OF SPACE USE IN GRASSLAND BIRD COMMUNITIES DURING WINTER. *Wilson Bull.* 95(4):591-602. Dec. 1983. WR 193
[Evans Hall, Central State Univ., Edmond, OK 73034]

84-004449 Haffer, Jürgen. ERGEBNISSE MODERNER ORNITHOLOGISCHER FORSCHUNG IM TROPISCHEN AMERIKA. EING UBERSICHT. [RESULTS OF MODERN ORNITHOLOGICAL RESEARCH IN TROPICAL AMERICA. A REVIEW.] *Spixiana* Suppl. 9. p. 117-166. 15 Dec. 1983. In German with English summ. WR 193
[Tommesweg 60, 4300 Essen 1, West Germany]

84-004450 Haila, Yrjö. LAND BIRDS ON NORTHERN ISLANDS: A SAMPLING METAPHOR FOR INSULAR COLONIZATION. *Oikos* 41(3):334-351. Dec. 1983. In English with Russian summ. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-004451 Haila, Yrjö; Olli Järvinen and Seppo Kuusela. COLONIZATION OF ISLANDS BY LAND BIRDS: PREVALENCE FUNCTIONS IN A FINNISH ARCHIPELAGO. *J. Biogeogr.* 10(6):499-531. Nov. 1983. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004452 Haila, Yrjö. COLONIZATION OF ISLANDS IN A NORTH-BOREAL FINNISH LAKE BY LAND BIRDS. *Ann. Zool. Fenn.* 20(3):179-197. 1983. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-004453 Harding, Elliot. BIRDS OF NISSAN AND PINIPEL ISLAND, NORTH SOLOMONS PROVINCE. *Papua New Guinea Bird Soc. Newsl.* No. 195-196. p. 4-12. Sept.-Oct. 1982. WR 193
[P.O. Box 1151, Arawa, Papua New Guinea]

84-004454 Heck, Alice E. THE BIRDS OF WASHINGTON SQUARE. *Ill. Audubon Bull.* 207:36-38. 1983/4. WR 193
[1455 N. Sandburg Ter., #209, Chicago, IL 60610]

84-004455 Hellebuyck, Victor. THREE NEW SPECIMEN RECORDS OF BIRDS FOR EL SALVADOR. *Wilson Bull.* 95(4):662-664. Dec. 1983. WR 193
[Dep. Biol., Bishop's Univ., Lennoxville, Quebec, Canada J1M 1Z7] *Claravis mondetoura*, *Xenotriccus callizonus*, and *Cardellina rubrifrons*.

84-004456 Hockey, P. A. R. ATLAS OF THE BIRDS OF THE S. W. CAPE - THE FIRST 15 MONTHS. *Bokmakierie* 35(4):80-83. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004457 Hockey, Philip A. R. THE IMPORTANCE OF BIRDS IN CONTROLLING THE STRUCTURE OF ROCKY INTERTIDAL COMMUNITIES: A SOUTHERN AFRICAN PERSPECTIVE. *Wader Study Group Bull.* No. 39. p. 42. Dec. 1983. Abstract only. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004458 Houston, Mary I., compiler. 42nd ANNUAL SASKATCHEWAN CHRISTMAS BIRD COUNT--1983. *Blue Jay* 42(1):26-39. Mar. 1984. WR 193
[863 University Dr., Saskatoon, Saskatchewan, Canada S7N 0J8]

84-004459 Howard, Max J. BIRDS OF THE CARNARVON REGION, WESTERN AUSTRALIA. *Aust. Bird Watcher* 10(3):86-98. Sept. 1983. WR 193
[P.O. Box 12, Wittenoom, Western Australia 6752, Australia]

84-004460 Howe, R. W.; D. M. Roosa; J. P. Schaufenbuel and W. R. Silcock. DISTRIBUTION AND ABUNDANCE OF BIRDS IN THE LOESS HILLS OF WESTERN IOWA. *Proc. Iowa Acad. Sci.* 91(1):215. Mar. 1984. Abstract only. WR 193
[Iowa Conserv. Comm., Wallace State Office Bldg., Des Moines 50319]

84-004461 Howell, Laurie. OBSERVATIONS IN THE SOLOMON SEA NORTH OF BOUGAINVILLE ISLAND. *Papua New Guinea Bird Soc. Newsl.* No. 197-198. p. 9-11. Nov.-Dec. 1982. WR 193
[P.O. Box 6631, Boroko, Papua New Guinea]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004462 Howells, M. J. THE BIRDS OF DIEGO GARCIA. *Sea Swallow* 32:42-47. 1981/82. WR 193

84-004463 Hughes, R. A. FURTHER NOTES ON PUNA BIRD SPECIES ON THE COAST OF PERU. *Condor* 86(1):93. Feb. 1984. WR 193
[Casilla 62, Mollendo, Peru] Data for 12 spp.

84-004464 Hutchinson, David. A SUMMARY OF 1982 COLORADO CHRISTMAS BIRD COUNTS. *C.F.O. (Colo. Field Ornithol.) J.* 18(1):11-16. 1984. WR 193
[7512 Cargen Circle, Loveland, CO 80537]

84-004465 James, R. D.; J. A. Dick; S. V. Nash; M. K. Peck and B. E. Tomlinson. AVIAN BREEDING AND OCCURRENCE NOTES FROM THE SUTTON RIDGES AREA OF NORTHEASTERN ONTARIO. *Can. Field-Nat.* 97(2):187-193. Apr.-June 1983. WR 193
[Dep. Ornithol., Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6]

84-004466 Janssen, Robert B. MINNESOTA BIRD DISTRIBUTION (PART II). *Loon* 55(4):190-211. 1983. WR 193
[10521 S. Cedar Lake Rd., #212, Minnetonka, MN 55343]

84-004467 Jenkins, P. G., editor. THE ROYAL AIR FORCE ORNITHOLOGICAL SOCIETY BELIZE EXPEDITION 1981. *R. Air Force Ornithol. Soc. J.* No. 14. p. 1-80. Nov. 1983. WR 193
[Rm. 530, Prospect House, 100 New Oxford St., London WC1A 1HE, England]

84-004468 Karr, James R. and Kathryn E. Freemark. HABITAT SELECTION AND ENVIRONMENTAL GRADIENTS: DYNAMICS IN THE "STABLE" TROPICS. *Ecology* 64(6):1481-1494. Dec. 1983. WR 193
[Dep. Ecol., Ethol. & Evol., Univ. Ill., 606 E. Healey, Champaign 61820]

84-004469 Katugaha, H. I. E. SOME HILL BIRDS OF SRI LANKA. *Loris* 16(3):128-131. June 1983. WR 193

84-004470 Kazarian, Ralph. BIRDS THAT ABANDONED CHRISTMAS ISLAND NOW RETURNING. *Environ. Conserv.* 10(4):360-361. 1983. WR 193
[Natl. Sci. Foundation, 1800 G St., Washington, DC 20550]

84-004471 Kelley, Alice H. BIRDS OF S.E. MICHIGAN AND S.W. ONTARIO. NOTES ON THE YEARS 1975-1981. *Jack-Pine Warbler* 61(1):3-12. Mar. 1983. WR 193
[3681 Forest Hill Dr., Bloomfield Hills, MI 48013]

84-004472 Knauer, Dean F. MOIST SOIL PLANT PRODUCTION ON MINGO NATIONAL WILDLIFE REFUGE. *M.S. thesis, Univ. Mo.* 1977. WR 193

84-004473 Koster, S. H. and J. F. Grettenberger. A PRELIMINARY SURVEY OF BIRDS IN PARK W, NIGER. *Malimbus* 5(2):62-72. Dec. 1983. WR 193
[Dep. Fish & Wildl., Mich. State Univ., East Lansing 48824]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004474 Kuresoo, Andres. THE UNIQUENESS OF WILLOW BRUSHWOODS AS BREEDING HABITATS FOR PASSERINES ON THE FLOOD MEADOWS OF MATSALU. *Ornis Fenn.* Suppl. 3. p. 96-97. 1983. WR 193

84-004475 Lane, S. G. AVIFAUNA OF ISLANDS OFF ESPERANCE, WESTERN AUSTRALIA. *Corella* 6(2):37-39. June 1982. WR 193
[65 Wood St., Lane Cove, New South Wales 2066, Australia]

84-004476 Lange, Kenneth I. THE WINTER SEASON: DECEMBER 1, 1982 TO FEBRUARY 28, 1983. *Passenger Pigeon* 45(4):132-144. 1983. WR 193

84-004477 Lanyon, Wesley E. FALLOW FIELD GUIDE TO BIRDS. *Nat. Hist.* 91(5):60-67. May 1982. WR 193

84-004478 Leck, Charles F. NOTES ON BIRDS OF ISLA CANCÚN, QUINTANA ROO, MEXICO. *Caribb. J. Sci.* 18(1-4):7-8. June 1982. WR 193
[Dep. Zool., Rutgers Coll., New Brunswick, NJ 08903]

84-004479 LeGrand, Harry E., Jr. BRIEFS FOR THE FILES. *Chat* 48(1):18-26. 1984. WR 193
An annotated species list of birds for North Carolina and South Carolina.

84-004480 Lovejoy, Thomas E. TROPICAL DEFORESTATION AND NORTH AMERICAN MIGRANT BIRDS. *Loon* 55(4):153-155. 1983. WR 193
[World Wildlife Fund, 1601 Connecticut Ave., N.W., Washington, DC 20009]

84-004481 Luder, Roland; Gerold Schwager and Hans Peter Pfister. HÄUFIGKEIT HÖHLEN- UND NISCHENBRÜTENDER VOGELARTEN AUF WALD-TESTFLÄCHEN IM KANTON THURGAU UND IHRE ABHÄNGIGKEIT VON DÜRRHOLZVORKOMMEN. [ABUNDANCE OF CAVERNICOLOUS BIRDS OVER THE THURGAU FOREST DISTRICTS AND THEIR DEPENDENCE ON THE PRESENCE OF SNAGS.] *Ornithol. Beob.* 80(4):273-280. Dec. 1983. In German with French summ. WR 193
[Schweizerische Vogelwarte, 6204, Sempach, Switzerland]

84-004482 Lynch, James F. and Dennis F. Whigham. EFFECTS OF FOREST FRAGMENTATION ON BREEDING BIRD COMMUNITIES IN MARYLAND, USA. *Biol. Conserv.* 28(4):287-324. 1984. WR 193
[Chesapeake Bay Cent. Environ. Stud., Smithsonian Inst., Edgewater, MD 21037]

84-004483 Magnússon, Kjartan. FUGLALÍF Á THINGVÖLLUM. [BIRD LIFE IN THE THINGVELLIR AREA, S.W. ICELAND.] *Bliki* 2:12-26. Dec. 1983. In Icelandic with English summ. WR 193
[Laugavegi 137, 105 Reykjavík, Iceland]

84-004484 Marchant, S. THE SEDENTARY NATURE OF PASSERINE BIRDS IN WOODLAND AT MORUYA, NEW SOUTH WALES. *Corella* 6(4):87-88. Sept. 1982. WR 193
[P.O. Box 123, Moruya, New South Wales 2537, Australia]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004485 Middleton, Norwood C. FAME COMES TO ROANOKE'S "STP" AS STOPOVER FOR TRANSIENTS. *Raven* 53(3):43-47. Sept. 1982. WR 193
[1149 Forest Lawn Dr., Salem, VA 24153]

84-004486 Møller, Hans Skotte. DANISH WETLAND BIRD POPULATIONS AND THEIR PROTECTION. *Ornis Fenn.* Suppl. 3. p. 104-106. 1983. WR 193
[Minist. Environ., Fredningsstyrelsen, Amaliegade 13, DK 1256 Copenhagen K, Denmark]

84-004487 Moritz, Dieter. BESONDERHEITEN IN DER BRUTVOGELWELT HELGOLANDS IN DEN JAHREN 1976 BIS 1982. [PECULIARITIES CONCERNING THE BREEDING BIRD FAUNA OF HELGOLAND FROM 1976 TO 1982.] *Vogelwelt* 105(1):21-25. 1984. In German with English summ. WR 193
[Vogelwarte Helgoland, Postfach 1220, D-2192 Helgoland, West Germany]

84-004488 Nalle, Beauveau B. BELIZE, CENTRAL AMERICA. *Am. Birds* 37(6):958-960. Nov.-Dec. 1983. WR 193
[Am. Consulate General, A.P.O., New York, NY 09224]

84-004489 Navarro Medina, José-Damián and José Navarro García. LA AVIFAUNA DE LOS EMBALSES DE «EL HONDO» (ALICANTE). [BIRDS IN THE BACKWATERS OF "EL HONDO" (ALICANTE, SPAIN).] *Mediterranea* No. 6. p. 109-139. Dec. 1982. In Spanish. WR 193

84-004490 Newlon, M.; B. Howe; D. Koenig; D. Roosa and D. Newhouse. THE IOWA BREEDING BIRD ATLAS PROJECT. *Proc. Iowa Acad. Sci.* 91(1):97. Mar. 1984. Abstract only. WR 193
[Dep. Zool., Univ. Iowa, Iowa City 52242]

84-004491 Newton, I. P.; N. J. Adams; C. R. Brown; J. W. Enticott and S. R. Fugler. NONMARINE VAGRANT BIRDS AT THE PRINCE EDWARD ISLANDS, JUNE 1981 - MAY 1983. *Cormorant* 11(1/2):35-38. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004492 Nores, Manuel and Darío Yzurieta. NUEVAS LOCALIDADES PARA AVES ARGENTINAS. PARTE V. [NEW LOCALITIES FOR ARGENTINE BIRDS. PART V.] *Hist. Nat. (Mendoza)* 3(16):159-160. 1983. In Spanish with English summ. WR 193
[CONICET, Cent. Zool. Apl., Casilla de Correo 122, 5000 Córdoba, Argentina]
Tachybaptus dominicus, *Aramides ypecaha*, *Myrmochilus strigilatus*, *Pachyramphus viridis*, *Legatus leucophaius*, *Pseudocolopteryx acutipennis*, *Ictinia misisippiensis*, and *Thlypopsis ruficeps*.

84-004493 Olson, John B. BIRD SPECIES DIVERSITY IN A MATURE OAK-HICKORY FOREST SURROUNDED BY URBAN DEVELOPMENT. *Bull. S.C. Acad. Sci.* 44:78. 1982. Abstract only. WR 193

84-004494 Oren, David C. A AVIFAUNA DO ARQUIPÉLAGO DE FERNANDO DE NORONHA. [AVIFAUNA OF THE FERNANDO DE NORONHA ARCHIPELAGO.] *Bol. Mus. Para. Emilio Goeldi Nova Ser. Zool.* No. 118. 22p. 13 Oct. 1982. In Portuguese with English summ. WR 193

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004495 Pöysä, Hannu. PARIKKALAN SIIKALAHDEN VESILINNUSTON RAKENTEESTA JA ALUEELLISESTA VAIHTELUSTA SUHTEESSA YMPÄRISTÖN RAKENTEESEEN. [THE STRUCTURE OF A WATERFOWL COMMUNITY IN RELATION TO HABITAT STRUCTURE IN SE FINLAND.] *Suomen Riista* 30:5-14. 1983. In Finnish with English summ. WR 193
[Dep. Biol., Univ. Joensuu, P.O. Box 111, SF-80101 Joensuu 10, Finland]

84-004496 Palmgren, Jörgen and Juha Valste. CHANGES IN THE BIRD FAUNA OF WOODLESS ROCKY ISLETS IN THE TVÄRMINNE ARCHIPELAGO DURING THE LAST 40 YEARS. *Ornis Fenn.* Suppl. 3. p. 94-95. 1983. WR 193
[Tvärminne Zool. Stn., Univ. Helsinki, SF-10850 Tvärminne, Finland]

84-004497 Pasquier, Roger and Carl Jones. THE LOST AND LONELY BIRDS OF MAURITIUS. *Nat. Hist.* 91(3):38-43. Mar. 1982. WR 193

84-004498 Pearson, David L. A PANTROPICAL COMPARISON OF LOWLAND FOREST BIRD COMMUNITY STRUCTURE. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 505-511. 1983. WR 193
[Dep. Biol., Pa. State Univ., University Park]

84-004499 Penry, E. H. THE BOTSWANA BIRD ATLAS. *Bokmakierie* 35(4):88-90. Dec. 1983. WR 193
[P.O. Box 138, Orkney, Transvaal 2620, South Africa]

84-004500 Petersen, Aevar. FUGLATALNINGAR AD VETRARLAGI: SAGA OG ÁRANGUR. [THE ANNUAL CHRISTMAS COUNTS IN ICELAND.] *Bliki* 2:28-42. Dec. 1983. In Icelandic with English summ. WR 193
[Náttúrufraedistofnun Islands, Pósthólf 5320, 125 Reykjavík, Iceland]

84-004501 Phillips, N. J. MIGRANT SPECIES NEW TO SEYCHELLES. *Bull. Br. Ornithol. Club* 104(1):9-10. Mar. 1984. WR 193
[Bardsey Bird & Field Observatory, Aberdaron, Pwllheli, Gwynedd LL53 8DE, Wales] Data for 10 spp.

84-004502 Plummer, Doug. A SEASON AT LONG POINT. *Nat. Can. (Ottawa)* 12(2):4-10. Apr.-June 1983. WR 193

84-004503 Powell, David J. MICHIGAN BIRD SURVEY, AUTUMN 1982. *Jack-Pine Warbler* 61(1):17-22. Mar. 1983. WR 193
[Kalamazoo Nat. Cent., 7000 N. Westnedge Ave., Kalamazoo, MI 49007]

84-004504 Powell, David J. MICHIGAN BIRD SURVEY, WINTER 1982-83. *Jack-Pine Warbler* 61(2):63-67. June 1983. WR 193
[Kalamazoo Nat. Cent., 7000 N. Westnedge, Kalamazoo, MI 49007]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004505 Pratt, Thane K. ADDITIONS TO THE AVIFAUNA OF THE ADELBERT RANGE, PAPUA NEW GUINEA. *Emu* 82(3):117-125. Aug. 1982. WR 193
[Dep. Zool., Rutgers Univ., Piscataway, NJ 08854]

84-004506 Preston, Ivor. A STUDY OF BIRDS IN AN URBAN HEATHLAND ENVIRONMENT. *Aust. Bird Watcher* 10(4):132-135. Dec. 1983. WR 193
[13 Minnie St., Sandringham, Victoria 3191, Australia]

84-004507 Raffaele, Herbert Anthony. NATIVE AND INTRODUCED SEED EATING BIRDS: MEASUREMENT BIAS AND COMMUNITY STRUCTURE. *Ph.D. dissertation, State Univ. N.Y. (Stony Brook)* 195p. 1983. From Diss Abstr. Int. B Sci. Eng. 44(8):2326. Feb. 1984. WR 193

84-004508 Ralph, C. John. BIRDS OF THE FOREST. *Nat. Hist.* 91(12):40-45. Dec. 1982. WR 193

84-004509 Raphael, Martin G. and Marshall White. USE OF SNAGS BY CAVITY-NESTING BIRDS IN THE SIERRA NEVADA. *Wildl. Monogr.* No. 86. 66p. Jan. 1984. Available at $4.05 from the Wildlife Society, 5410 Grosvenor Lane, Bethesda, MD 20814. WR 193
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720]

84-004510 Reed, T. M.; A. Currie and J. A. Love. BIRDS OF THE INNER HEBRIDES. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:449-472. 1983. WR 193
[Nat. Conserv. Council, Godwin House, George St., Huntingdon PE18 6BU, England]

84-004511 Renno, Olav. SUCCESSION OF BIRD COMMUNITIES ON THE KASARI RIVER FLOOD-PLAIN MEADOWS (MATSALU, ESTONIA). *Ornis Fenn.* Suppl. 3. p. 98-99. 1983. WR 193
[Inst. Zool. & Bot., 21 Vanemuise, SU-202400 Tartu, Estonian SSR, USSR]

84-004512 Rice, J.; R. D. Ohmart and B. W. Anderson. TURNOVERS IN SPECIES COMPOSITION OF AVIAN COMMUNITIES IN CONTIGUOUS RIPARIAN HABITATS. *Ecology* 64(6):1444-1455. Dec. 1983. WR 193
[Popul. Mechanisms, Northwest Atlantic Fish. Cent., Box 5667, St. John's, Newfoundland, Canada A1C 5X1]

84-004513 Rylander, Michael Kent. NOTES ON THE BIRDS OF THE CENTRAL PERUVIAN PUNA. *Beitr. Vogelkd.* 29(3):152-160. 1983. In English. WR 193
[Dep. Biol. Sci., The Mus., Tex. Tech Univ., Lubbock 79409]

84-004514 Scott, F. R. VIRGINIA CHRISTMAS BIRD COUNTS--1981-82 SEASON. *Raven* 53(2):19-33. June 1982. WR 193
[115 Kennondale Lane, Richmond, VA 23226]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004515 Sick, Helmut. DIE BEDEUTUNG VON JOHANN BAPTIST VON SPIX FÜR DIE ERFORSCHUNG DER VOGELWELT BRASILIENS. [THE IMPORTANCE OF VON SPIX FOR THE INVESTIGATION OF THE AVIFAUNA OF BRAZIL.] *Spixiana* Suppl. 9. p. 29-31. 15 Dec. 1983. In German with English summ. WR 193
[Mus. Nac., Rio de Janeiro, Brazil]

84-004516 Siegfried, W. R. TROPHIC STRUCTURE OF SOME COMMUNITIES OF FYNBOS BIRDS. *J. S. Afr. Bot.* 49(1):1-43. 1983. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst., Univ. Cape Town, Private Bag, Rondebosch 7700, South Africa]

84-004517 Skinner, Robert McEwan. VEGETATION STRUCTURE AND BIRD HABITAT SELECTION ON MISSOURI PRAIRIES. *Ph.D. dissertation, Univ. Mo. (Columbia)* 224p. 1982. From Diss. Abstr. Int. B Sci. 44(9):2609-2610. Mar. 1984. WR 193

84-004518 Smalley, M. E., recorder. THE GAMBIA ORNITHOLOGICAL SOCIETY SIXTH BIRD REPORT - 1980. *Gambia Ornithol. Soc.* 13p. 1980. WR 193

84-004519 Stawarczyk, Tadeusz. PTAKI OKOLIC ZGORZELCA (WOJ. JELENIOGÓRSKIE). [BIRDS OF ZGORZELEC REGION (DISTR. JELENIA GÓRA).] *Notatki Ornitol.* 22(1-2):3-17. 1981. In Polish with English summ. WR 193
[Inst. Biol., Podstaw Prod. Zwierzecej, Akad. Rolniczej, ul. Cybulskiego 20, 50-205 Wroclaw, Poland]

84-004520 Suarez, F. and C. Saez-Royuela. EVOLUCION INVERNAL DE LAS COMUNIDADES DE AVES DE DOS MEDIOS «ESTEPARICOS» DEL VALLE DEL EBRO. [EVOLUTION OF OVERWINTERING COMMUNITIES OF BIRDS IN THE SHRUBSTEPPE HABITAT OF THE EBRO VALLEY (SPAIN).] *Bol. Estac. Cent. Ecol.* 12(24):67-73. 1983. In Spanish with English summ. WR 193
[Cátedra Vertebr., Fac. Cienc., Univ. Complutense, Madrid, Spain]

84-004521 Sultana, Joe and Charles Gauci. SOME NOTES ON BREEDING SPECIES FOR 1982. *Il-Merill* No. 22. p. 21. 1981-83. WR 193
[Sciberras Flats / 3, Fleur-de-Lys Junction, B'Kara, Malta]

84-004522 Torres Esquivias, Jose A.; Ana Maria Cardenas Talaveron and Carmen Bach Piella. ESTUDIO DE LA COMUNIDAD DE PASERIFORMES DE LA LAGUNA DE ZOÑAR (CORDOBA, ESPA+A). [STUDY OF A PASSERINE COMMUNITY IN ZOÑAR LAKE (CORDOBA, SPAIN).] *Nat. Hisp.* No. 24. 40p. 1983. In Spanish with English summ. WR 193
[Dep. Zool., Fac. Ciencias, Univ. Córdoba, Córdoba, Spain]

84-004523 Torres Esquivias, J. A. and Concepción Raya Gomez. ZONAS HUMEDAS DEL SUR DE LA PROVINCIA DE LA CORDOBA: DESCRIPCION Y AVIFAUNA. [HUMID ZONES OF THE SOUTH OF THE PROVINCE OF CORDOBA: DESCRIPTION AND AVIFAUNA.] *Bol. Estac. Cent. Ecol.* 11(22):43-48. 1982. In Spanish with English summ. WR 193
[Dep. Zool., Fac. Cienc., Univ. Córdoba, Cordoba, Spain]

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004524 Traill, Barry. BIRDS OF MOUNT ADOLPHUS ISLAND, TORRES STRAIT. *Aust. Bird Watcher* 10(4):127-131. Dec. 1983. WR 193
[99 Vincent Rd., Morwell, Victoria 3040, Australia]

84-004525 Travis, Joseph and Robert E. Ricklefs. A MORPHOLOGICAL COMPARISON OF ISLAND AND MAINLAND ASSEMBLAGES OF NEOTROPICAL BIRDS. *Oikos* 41(3):434-441. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306]

84-004526 Turner, Harold. SUMMER 1983 IN KEARNEY COUNTY. *Nebr. Bird Rev.* 51(4):92. Dec. 1983. WR 193
[P.O. Box 333, Minden, NE 68959]

84-004527 Tyser, Robin W. SPECIES-AREA RELATIONS OF CATTAIL MARSH AVIFAUNA. *Passenger Pigeon* 45(4):125-128. 1983. WR 193
[Dep. Biol., Univ. Wis., LaCrosse 54601]

84-004528 Vander Wall, Stephen B. and James A. MacMahon. AVIAN DISTRIBUTION PATTERNS ALONG A SONORAN DESERT BAJADA. *J. Arid Environ.* 7(1):59-74. Mar. 1984. WR 193
[MacMahon: Dep. Biol. & Ecol. Cent., UMC 53, Utah State Univ., Logan 84322]

84-004529 Veromann, Heinrich. RECENT CHANGES IN THE BIRD FAUNA OF THE EASTERN BALTIC AREA. *Ornis Fenn.* Suppl. 3. p. 100-101. 1983. WR 193
[Vanemuise St. 21, Inst. Zool. & Bot., SU-202400 Tartu, Estonian SSR, USSR]

84-004530 Viers, Charlie. A 10-YEAR STUDY OF THE WINTER BIRD POPULATION OF A NORTHWEST LOUISIANA GRASSLAND. *Proc. La. Acad. Sci.* 46:138. 1983. Abstract only. WR 193

84-004531 Voisin, J.-F. OBSERVATIONS OF BIRDS AT SEA BETWEEN RÉUNION, KERGUELEN AND THE CROZET ISLANDS, JANUARY-MARCH 1982. *Cormorant* 11(1/2):49-58. Dec. 1983. WR 193
[Lab. Zool., Ecol. Normal. Supérieure, 46 rue d'Ulm, 75230 Paris Cedex 05, France]

84-004532 Wallace, D. I. M. THE BREEDING BIRDS OF THE AZRAQ OASIS AND ITS DESERT SURROUND, JORDAN, IN THE MID-1960s. *Sandgrouse* No. 5. p. 1-18. 1983. WR 193
[68 Selby Rd., Holme on Spalding Moor, York, YO4 4EU, England]

84-004533 Williamson, Mark. THE LAND-BIRD COMMUNITY OF SKOKHOLM: ORDINATION AND TURNOVER. *Oikos* 41(3):378-384. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol., Univ. York, York YO1 5DD, England]

84-004534 Withers, B. R., editor. THE ROYAL AIR FORCE ORNITHOLOGICAL SOCIETY, GIBRALTAR EXPEDITION 1981. *R. Air Force Ornithol. Soc. J.* No. 14. p. 81-112. Nov. 1983. WR 193

BIRDS--FAUNAS, COMMUNITIES, AND MANUALS (CONTINUED)

84-004535 Wolk, Krzysztof. PRÓBA WYKAZANIA ZWIAZKU WYSTEPOWANIA PTAKÓW ZE STRUKTURA LASU MIESZANEGO W REZERWACIE "LIPINY" W PUSZCZY BIALOWIESKIEJ. [THE RELATIONSHIP BETWEEN THE OCCURRENCE OF BIRDS AND THE STRUCTURE OF MIXED FOREST IN THE "LIPINY" RESERVE IN THE PRIMAEVAL FOREST OF BIALOWIEZA.] *Parki Nar. Rez. Przyr.* 4(1):5-25. 1983. In Polish with English summ. WR 193
[Inst. Badawczy Lesnictwa, 17-230 Bialowieza, Poland]

84-004536 Wolk, Krzysztof. ZMIENNOSC LICZEBNOSCI PTAKÓW W SIERPNIU NA JEZIORZE FIRLEJ, NADL. LUBARTÓW, WOJ. LUBELSKIE. [CHANGES IN THE NUMBER OF BIRDS ON THE FIRLEJ LAKE (LUBLIN PROVINCE LUBARTÓW FOREST DIVISION) IN AUGUST.] *Parki Nar. Rez. Przyr.* 3(1):15-17. 1982. In Polish with English summ. WR 193
[Inst. Badawczy Lesnictwa, 17-230 Bialowieza, Poland]

84-004537 Zammit, Richard Cachia, compiler. SYSTEMATIC LIST FOR 1979 & 1980. *Il-Merill* No. 22. p. 22-42. 1981-83. WR 193

84-004538 Zimmerman, John L. WINTER BIRD COUNT FOR 1983. *Kans. Ornithol. Soc. Bull.* 35(1):1-19. Mar. 1984. WR 193
[Div. Biol., Kans. State Univ., Manhattan 66506]

BIRDS--MORPHOLOGY AND PHYSIOLOGY

84-004539 Andersson, Malte. ON THE FUNCTIONS OF CONSPICUOUS SEASONAL PLUMAGES IN BIRDS. *Anim. Behav.* 31(4):1262-1264. Nov. 1983. WR 193
[Dep. Zool., Univ. Gothenburg, P.O. Box 25059, 400 31 Gothenburg, Sweden]

84-004540 Barker, S. G. E. and Marion D. Kendall. A STUDY OF THE RETE TESTIS EPITHELIUM IN SEVERAL WILD BIRDS. *J. Anat.* 138(1):139-152. Jan. 1984. WR 193
[Dep. Anat., St. Thomas's Hospital Med. School, London SE1 7EH, England]

84-004541 Blem, Charles R. RATIOS IN AVIAN PHYSIOLOGY. *Auk* 101(1):153-155. Jan. 1984. WR 193
[Va. Commonwealth Univ., Dep. Biol., Acad. Div., Richmond 23284]

84-004542 Bryant, D. M.; C. J. Hails and P. Tatner. REPRODUCTIVE ENERGETICS OF TWO TROPICAL BIRD SPECIES. *Auk* 101(1):25-37. Jan. 1984. WR 193
[Dep. Biol. Sci., Univ. Stirling, Stirling FK9 4LA, Scotland] *Hirundo tahitica* and *Merops viridis* in Malaysia.

84-004543 Keskpaik, Jüri. PHYSIOLOGICAL CLASSIFICATION OF BIRD'S FLIGHT. FORMAL CONSIDERATION. *Ornis Fenn.* Suppl. 3. p. 22-23. 1983. WR 193
[Inst. Zool. & Bot., 21 Vanemuise, SU-202400 Tartu, Estonian SSR, USSR]

BIRDS--MORPHOLOGY AND PHYSIOLOGY (CONTINUED)

84-004544 Kul'minskaya, A. S.; E. G. Korvin-Pavlovskaya and K. G. Gazaryan. STUDY OF THE MECHANISM OF INACTIVATION OF THE GENOME OF BIRD ERYTHROCYTES. VI. MITOTIC ACTIVITY OF ERYTHROBLASTS IN BONE MARROW UNDER NORMAL AND ANEMIC CONDITIONS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 11(3):134-139. May-June 1980. Translated from Ontogenez 11(3):222-228. May-June 1980. WR 193
[Inst. Molecular Genet., Acad. Sci., Moscow, USSR]

84-004545 Mahoney, Sheila A. PLUMAGE WETTABILITY OF AQUATIC BIRDS. *Auk* 101(1):181-185. Jan. 1984. WR 193
[Dep. Biol. Sci., Fla. Atlantic Univ., Boca Raton 33431]

84-004546 Ptaszyk, Jerzy. NIETYPOWE UBARWIENIE U PTAKÓW. [UNTYPICAL COLOURATION IN BIRDS.] *Notatki Ornitol.* 22(1-2):37-46. 1981. In Polish with English summ. WR 193
[ul. Dabrowskiego 24/12, 60-841 Poznan, Poland]

84-004547 Skadhauge, Erik. IONIC AND OSMOTIC REGULATION IN BIRDS. *Verh. Dtsch. Zool. Ges.* 76:69-81. 1983. In English. WR 193
[Dep. Vet. Physiol. & Biochem., Royal Vet. & Agric. Univ., Bülowsvej 13, DK 1870 Copenhagen V, Denmark]

84-004548 Ward-Smith, A. J. ANALYSIS OF THE AERODYNAMIC PERFORMANCE OF BIRDS DURING BOUNDING FLIGHT. *Math. Biosci.* 68(1):137-147. Feb. 1984. WR 193
[Dep. Mechanical Eng., Brunel Univ., Uxbridge, Middlesex, UB8 3PH, England]

BIRDS--BEHAVIOR

84-004549 Boswall, Jeffery. TOOL-USING AND RELATED BEHAVIOUR IN BIRDS: MORE NOTES. *Avic. Mag.* 89(2):94-108. 1983. WR 193
[Bristol, England]

84-004550 Boswall, Jeffery. TOOL-USING AND RELATED BEHAVIOUR IN BIRDS: YET MORE NOTES. *Avic. Mag.* 89(3):170-181. July-Sept. 1983. WR 193

84-004551 Burger, Joanna. GREBES NESTING IN GULL COLONIES: PROTECTIVE ASSOCIATIONS AND EARLY WARNING. *Am. Nat.* 123(3):327-337. Mar. 1984. WR 193
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903] *Podiceps occipitalis*, *Rollandia rolland* and *Larus maculipennis*.

84-004552 Burton, J. F. and E. D. H. Johnson. INSECT, AMPHIBIAN OR BIRD? *Br. Birds* 77(3):87-104. Mar. 1984. WR 193
[BBC Nat. Hist. Unit, Broadcasting House, Bristol BS8 2LR, England]

84-004553 Clapp, G. E. HELMETED FRIARBIRD *PHILEMON NOVAEGUINEAE* NESTING IN THE SAME TREE AS THE BROWN ORIOLE. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 21-25. July-Aug. 1982. WR 193

BIRDS--BEHAVIOR (CONTINUED)

84-004553 CONTINUED
[P.O. Box 188, Popondetta, Papua New Guinea] *Oriolus szalayi* in Papua New Guinea.

84-004554 DeJong, Michael J. BOUNDING FLIGHT IN BIRDS. *Ph.D. dissertation, Univ. Wis. (Madison)* 153p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2677. Mar. 1984. WR 193

84-004555 Dooling, Robert J.; H. Timothy Bunnell and Christopher Clark. CRITICAL BAND ANALYSIS OF AVIAN VOCALIZATIONS. *J. Acoust. Soc. Am.* 75(suppl. 1):S27. 1984. Abstract only. WR 193
[Dep. Psychol., Univ. Md., College Park 20742]

84-004556 Gill, Brian J. THE GREY WARBLER'S CARE OF NESTLINGS: A COMPARISON BETWEEN UNPARASITISED BROODS AND THOSE COMPRISING A SHINING BRONZE-CUCKOO. *Emu* 82(3):177-181. Aug. 1982. WR 183
[Auckland Inst. & Mus., Private Bag, Auckland 1, New Zealand] *Gerygone igata* and *Chrysococcyx lucidus* in New Zealand.

84-004557 Greene, Erick; David Wilcove and Meg McFarland. OBSERVATIONS OF BIRDS AT AN ARMY ANT SWARM IN GUERRERO, MEXICO. *Condor* 86(1):92-93. Feb. 1984. WR 193
[Dep. Biol., Princeton Univ., Princeton, NJ 08544]

84-004558 Hatch, Scott A. NESTLING GROWTH RELATIONSHIPS OF BROWN-HEADED COWBIRDS AND DICKCISSELS. *Wilson Bull.* 95(4):669-671. Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503] *Molothrus ater* and *Spiza americana* in Kansas.

84-004559 Herrera, Carlos M. A STUDY OF AVIAN FRUGIVORES, BIRD-DISPERSED PLANTS, AND THEIR INTERACTION IN MEDITERRANEAN SCRUBLANDS. *Ecol. Monogr.* 54(1):1-23. Mar. 1984. WR 193
[Unidad Ecol. & Etol., Estación Biol. Doñana, Seville-12, Spain] *Erithacus rubecula*, *Sylvia atricapilla*, and *S. melanocephala* in Spain.

84-004560 Hoffman, Harriet E. MEMORY IN FOOD-HOARDING BIRDS. *Bird Observer East. Mass.* 12(1):19-22. Feb. 1984. WR 193
Review paper.

84-004561 Ingold, James L. and Mary Jo Craycraft. AVIAN FRUGIVORY ON HONEYSUCKLE (*LONICERA*) IN SOUTHWESTERN OHIO IN FALL. *Ohio J. Sci.* 83(5):256-258. Dec. 1983. WR 193
[Dep. Zool., Miami Univ., Oxford, OH 45056] Data for 9 spp.

84-004562 Knights, Chris. GADWALLS AND BLACK-HEADED GULLS FEEDING WITH COOTS. *Br. Birds* 77(1):21-22. Jan. 1984. WR 193
[Crowhall Farm, Gooderstone, King's Lynn, Norfolk PE33 9DA, England] *Fulica atra*, *Anas strepera*, and *Larus ridibundus* in England.

BIRDS--BEHAVIOR (CONTINUED)

84-004563 Ligon, David J. COOPERATION AND RECIPROCITY IN AVIAN SOCIAL SYSTEMS. *Am. Nat.* 121(3):366-384. Mar. 1983. WR 193
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-004564 Lowther, Peter E. CHICKADEE, THRASHER, AND OTHER COWBIRD HOSTS FROM NORTHWEST IOWA. *J. Field Ornithol.* 54(4):414-417. 1983. WR 193
[Dep. Biol., Univ. Northern Iowa, Cedar Falls 50614] *Molothrus ater*, *Parus atricapillus*, and *Toxostoma rufum*.

84-004565 Macdonald, I. A. W. BIRDS ROOSTING IN NESTS OF SOCIABLE WEAVERS AND WHITEBROWED SPARROWWEAVERS. *Ostrich* 54(4):245. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Private Bag, Rondebosch 7700, South Africa] *Plocepasser mahali*, *Parus cinerascens*, and *Philetairus socius* in Namibia.

84-004566 Marchant, S. SUGGESTED NESTING ASSOCIATION BETWEEN LEADEN FLYCATCHERS AND NOISY FRIARBIRDS. *Emu* 83(2):119-122. June 1983. WR 193
[Box 123, Moruya, New South Wales 2537, Australia] *Myiagra rubecula* and *Philemon corniculatus* in Australia.

84-004567 Marsh, Christopher Paul. THE ROLE OF AVIAN PREDATORS IN AN OREGON ROCKY INTERTIDAL COMMUNITY. *Ph.D. dissertation, Oreg. State Univ.* 148p. 1984. From Diss. Abstr. Int. B Sci. Eng. 44(8):2325. Feb. 1984. WR 193

84-004568 McNair, Douglas B. and Richard A. Forster. HETEROSPECIFIC VOCAL MIMICRY BY SIX OSCINES. *Can. Field-Nat.* 97(3):321-322. July-Sept. 1983. WR 193
[Dep. Zool., Clemson Univ., Clemson, SC 29631]

84-004569 Meanley, Brooke. SWAINSON'S WARBLER AND THE COWBIRD IN THE DISMAL SWAMP. *Raven* 53(3):47-49. Sept. 1982. WR 193
[P.O. Box 87, Fishersville, VA 22939] *Limnothlypis swainsonii* and *Molothrus ater* in Virginia and North Carolina.

84-004570 Miller, Richard S. and Robert W. Nero. HUMMINGBIRD-SAPSUCKER ASSOCIATIONS IN NORTHERN CLIMATES. *Can. J. Zool.* 61(7):1540-1546. July 1983. In English with French summ. WR 193
[School For. & Environ. Studies, Yale Univ., New Haven, CT 06511] *Archilochus colubris* and *Sphyrapicus varius*.

84-004571 Parrish, John W.; James A. Ptacek and Kevin L. Will. THE DETECTION OF NEAR-ULTRAVIOLET LIGHT BY NONMIGRATORY AND MIGRATORY BIRDS. *Auk* 101(1):53-58. Jan. 1984. WR 193
[Div. Biol. Sci., Emporia State Univ., Emporia, KS 66801]

84-004572 Picman, Jaroslav. AGGRESSION BY RED-WINGED BLACKBIRDS TOWARDS MARSH WRENS. *Can. J. Zool.* 61(8):1896-1899. Aug. 1983. In English with French summ. WR 193
[Dep. Biol., Univ. Ottawa, Ottawa, Ontario, Canada K1N 6N5] *Agelaius phoeniceus* and *Cistothorus palustris*.

BIRDS--BEHAVIOR (CONTINUED)

84-004573 Pratt, Thane K. and Edmund W. Stiles. HOW LONG FRUIT-EATING BIRDS STAY IN THE PLANTS WHERE THEY FEED: IMPLICATIONS FOR SEED DISPERSAL. *Am. Nat.* 122(6):797-805. Dec. 1983. WR 193
[Dep. Biol. Sci. & Bur. Biol. Res., Rutgers Univ., P.O. Box 1059, Piscataway, NJ 08854]

84-004574 Redford, Kent Hubbard. MAMMALIAN MYRMECOPHAGY: FEEDING, FORAGING AND FOOD PREFERENCE. *Ph.D. dissertation, Harvard Univ.* 309p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1747. Dec. 1983. WR 193

84-004575 Remsen, J. V., Jr. and T. A. Parker III. ARBOREAL DEAD-LEAF-SEARCHING BIRDS OF THE NEOTROPICS. *Condor* 86(1):36-41. Feb. 1984. WR 193
[Mus. Zool., La. State Univ., Baton Rouge 70803]

84-004576 Richards, G. A. MAGPIES ATTACKING KESTREL. *Br. Birds* 77(2):75. Feb. 1984. WR 193
[41 High Beeches, Gerrards Cross, Buckinghamshire SL9 7HY, England] *Pica pica* and *Falco tinnunculus* in England.

84-004577 Schuler, Werner and Elke Hesse. ZUR REAKTION JUNGER VÖGEL AUF WARNFARBEN. [ON THE RESPONSE OF YOUNG BIRDS TO WARNING COLOURS.] *Verh. Dtsch. Zool. Ges.* 76:248. 1983. German abstract only. WR 193
[Zool. Inst., Univ. Göttingen, Berliner Str. 28, D-3400 Göttingen, West Germany]

84-004578 Silver, Rae and Madeline Cooper. AVIAN BEHAVIORAL ENDOCRINOLOGY. *BioScience* 33(9):567-572. Oct. 1983. WR 193
[Dep. Psychol., Barnard Coll., Columbia Univ., 606 W. 120th St., New York, NY 10027]

84-004579 Smith, Winston Paul. COOPERATIVE HARASSMENT OF A PILEATED WOODPECKER BY JUVENILE SHARP-SHINNED HAWKS. *Murrelet* 64(3):97-98. 1983. WR 193
[Dep. Biol. Sci., Southeastern La. Univ., Hammond 70402] *Accipiter striatus* and *Dryocopus pileatus* in Oregon.

84-004580 Trainer, Jill M. and Tom C. Will. AVIAN METHODS OF FEEDING ON *BURSERA SIMARUBA* (BURSERACEAE) FRUITS IN PANAMA. *Auk* 101(1):193-195. Jan. 1984. WR 193
[3000 Sparger Rd., Durham, NC 27705] Data for 26 spp.

84-004581 Tye, Alan. ATTACKS BY SHRIKES *LANIUS* SPP. ON WHEATEARS *OENANTHE* SPP: COMPETITION, KLEPTOPARASITISM OR PREDATION? *Ibis* 126(1):95-102. Jan. 1984. WR 193
[Dep. Zool., Fourah Bay Coll., Univ. Sierra Leone, Freetown, Sierra Leone]

84-004582 von Haartman, Lars and Lena Söderholm-Tana. BIRD ARRIVAL TIMES REVISITED. *Ornis Fenn.* Suppl. 3. p. 7-13. 1983. WR 193
[Univ. Helsinki, Dep. Zool., P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] *Sturnus vulgaris* and *Cuculus canorus* in Finland.

BIRDS--BEHAVIOR (CONTINUED)

84-004583 Weatherhead, Patrick J. TWO PRINCIPAL STRATEGIES IN AVIAN COMMUNAL ROOSTS. *Am. Nat.* 121(2):237-243. Feb. 1983. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6]

84-004584 Willis, Edwin O'Neill and Yoshika O. Willis. A STUDY OF ANT-FOLLOWING BIRDS OF NORTHEASTERN BRAZIL. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 745-748. 1983. WR 193
[Dep. Biol., Univ. Miami, Coral Gables, FL]

84-004585 Willson, Mary F.; Elizabeth A. Porter and Richard S. Condit. AVIAN FRUGIVORE ACTIVITY IN RELATION TO FOREST LIGHT GAPS. *Caribb. J. Sci.* 18(1-4):1-6. June 1982. WR 193
[Dep. Ecol., Ethol. & Evol., Vivarium Bldg., Univ. Ill., Champaign 61820]

84-004586 Winter, Kenneth C. INTERACTIONS BETWEEN NESTING CARDINALS AND AMERICAN ROBINS. *Inl. Bird Banding* 53(3):56-57. 1981. WR 193
[7108 Jeannie Lane, Cincinnati, OH 45230] *Cardinalis cardinalis* and *Turdus migratorius* in Ohio.

BIRDS--MIGRATION AND BANDING REPORTS

84-004587 Aebischer, N. J. RESTORING THE LEGIBILITY OF THE INSCRIPTIONS ON ABRADED OR CORRODED BIRD-RINGS. *Ringing Migration* 4(5):275-280. Dec. 1983. WR 193
[Dep. Zool., Univ. Durham, Sci. Lab., South Rd., Durham DH1 3LE, England]

84-004588 Backhurst, G. C. and D. J. Pearson. RINGING AND MIGRATION AT NGULIA, TSAVO, OCTOBER TO DECEMBER 1982. *Scopus* 6(5):144-145. Nov. 1983. WR 193

84-004589 Bairlein, Franz; Peter Beck; Wolfgang Feiler and Ulrich Querner. HERBSTBEOBACHTUNGEN PALÄARKTISCHER ZUGVÖGEL IN DER ALGERISCHEN SAHARA. [NOTES ON AUTUMN MIGRANTS IN THE ALGERIAN SAHARA.] *Vogelwelt* 105(1):1-9. 1984. In German with English summ. WR 193
[Zool. Inst. Univ., Physiol. Ökol., Weyertal 119, D-5000 Cologne 41, West Germany]

84-004590 Bell, H. L. SURVIVAL AMONG BIRDS OF THE UNDERSTOREY IN LOWLAND RAINFOREST IN PAPUA NEW GUINEA. *Corella* 6(4):77-82. Sept. 1982. WR 193
[C/-Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia]

84-004591 Berthold, Peter. GENETIC BASIS OF BIRD MIGRATION. *Ornis Fenn.* Suppl. 3. p. 14-16. 1983. WR 193
[Max-Planck-Inst. Verhaltensphysiol., Schloss, D-7760 Radolfzell-Moeggingen, West Germany]

84-004592 Bourne, W. R. P. A SATELLITE VIEW OF BIRD MIGRATION BETWEEN ICELAND AND SCOTLAND. *Sea Swallow* 32:80-82. 1981/82. WR 193

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

84-004593 Busse, Przemyslaw. SPATIAL STRUCTURE OF BIRD POPULATIONS AS A MATTER OF BIOMETRY--THE METHOD OF STUDY ON MIGRATION. *Ornis Fenn.* Suppl. 3. p. 86-88. 1983. WR 193
[Univ. Gdansk, Stacja Badania Wedrówek Ptaków, Przebendowo, PL-84-210 Choczewo, Poland]

84-004594 Busse, Przemyslaw. BIOMETRICAL STANDARDS IN THE OPERATION BALTIC WORK. *Ring Int. Ornithol. Bull.* 10(116):125-138. 1983. WR 193
[Bird Migration Res. Stn., Univ. Gdansk, Przebendowo, 84-210 Choczewo, Poland]

84-004595 Davis, Richard J. and James F. Parnell. FALL MIGRATION OF LAND BIRDS AT FORT FISHER, NEW HANOVER COUNTY, N.C. *Chat* 47(4):85-95. 1983. WR 193
[2310 Glascock St., Raleigh, NC 27610]

84-004596 Elder, William H. and William W. Dierker. DO BIRDS FOLLOW HOPKINS' BIOCLIMATIC LAW? *Jnl. Bird Banding* 53(3):33-38. 1981. WR 193
[School For., Fish. & Wildl., Univ. Mo., Columbia 65211]

84-004597 Ellis, Pete. THE PHENOMENAL MIGRANT FALL OF OCTOBER 1982. *Scott. Birds* 12(8):246-251. 1983. WR 193
[17 Regent Terrace, Edinburgh, EH7 5BN, Scotland]

84-004598 Evans, P. R. ANNUAL SURVIVAL RATES OF SHOREBIRDS AT TEESMOUTH, N.E. ENGLAND. *Wader Study Group Bull.* No. 39. p. 44. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-004599 Fitzpatrick, John W. NORTHERN BIRDS AT HOME IN THE TROPICS. *Nat. Hist.* 91(9):40-47. Sept. 1982. WR 193

84-004600 Franco Ruiz, A.; J. Molina Vicente and B. Palacios Alberti. ANILLAMIENTO DE AVES EN ESPAÑA CON ANILLAS «ICONA» Y RECUPERACIONES DURANTE EL AÑO 1980. OTRAS RECUPERACIONES NACIONALES Y EXTRANJERAS INEDITAS. [THE BANDING OF BIRDS IN SPAIN WITH "ICONA" BANDS AND RECOVERIES DURING 1980 AND OTHER PREVIOUSLY UNPUBLISHED NATIONAL AND FOREIGN RECOVERIES.] *Bol. Estac. Cent. Ecol.* 11(22):83-93. 1982. In Spanish with English summ. WR 193

84-004601 Hanmer, D. B. LONGEVITY FROM RETRAPS CONTINUED. *Safring News* 12(2):56-64. 1983. WR 193
[Sucoma, P/Bag 50, Blantyre, Malawi]

84-004602 Harris, Bruce. THE 1983 FALL MIGRATION. *S.D. Bird Notes* 36(1):13-19. Mar. 1984. WR 193
[Box 605, Clear Lake, SD 57226]

84-004603 Jacoby, V. E. RADAR AND VISUAL OBSERVATIONS OF SPRING MASS MIGRATION OF SEA DUCKS ON THE WESTERN COAST OF ESTONIA. *Ornis Fenn.* Suppl. 3. p. 44-45. 1983. WR 193

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

84-004603 CONTINUED
[A.N. Severtzov Inst. Evol. Anim. Morphol. & Ecol., USSR Acad. Sci., 33 Leninsky Prospect, Moscow V-71, USSR]

84-004604 Kiepenheuer, Jakob. THE MAGNETIC COMPASS MECHANISM OF BIRDS AND ITS POSSIBLE ASSOCIATION WITH THE SHIFTING COURSE DIRECTIONS OF MIGRANTS. *Behav. Ecol. Sociobiol.* 14(2):81-99. 1984. WR 193
[Abteilung Verhaltensphysiol. & Inst. Zoophysiol., Biol. III, Univ. Tübingen, Beim Kupferhammer 8, D-7400 Tübingen, West Germany]

84-004605 Leberman, Robert C. and D. Scott Wood. BIRD-BANDING AT POWDERMILL: TWENTY YEARS REVIEWED. *Powdermill Nat. Reserv. Res. Rep.* No. 42. i + 49p. Dec. 1983. WR 193
[Carnegie Mus. Nat. Hist., Carnegie Inst., Pittsburgh, PA 15213]

84-004606 Leishman, A. J., honorary editor. RECOVERY ROUNDUP. *Corella* 6(2):46-48. June 1982. WR 193
[7 Belford St., Ingleburn, New South Wales 2565, Australia]

84-004607 Leishman, A. J., honorary editor. RECOVERY ROUNDUP. *Corella* 6(4):94-95. Sept. 1982. WR 193
[7 Belford St., Ingleburn, New South Wales 2565, Australia]

84-004608 Leishman, A. J., honorary editor. RECOVERY DATA. *Corella* 6(5):125-127. Dec. 1983. WR 193
[7 Belford St., Ingleburn, New South Wales 2565, Australia]

84-004609 Leishman, A. J., honorary editor. RECOVERY ROUNDUP. *Corella* 6(1):20-23. Mar. 1982. WR 193
[7 Belford St., Ingleburn, New South Wales 2656, Australia]

84-004610 Leishman, A. J., honorary editor. RECOVERY ROUND-UP. *Corella* 7(5):114-116. Dec. 1983. WR 193
[7 Belford St., Ingleburn, New South Wales 2565, Australia]

84-004611 Martin, Jean-Louis. ADAPTIVE SIGNIFICANCE OF CHANGES IN MIGRATORY ROUTES AND WINTERING GROUNDS: TWO EXAMPLES. *Ornis Fenn.* Suppl. 3. p. 54-55. 1983. WR 193
[CEPE CNRS, B.P. 5051, F-34033 Montpellier Cedex, France] *Xenus cinereus* and *Cygnus columbianus bewickii.*

84-004612 Mead, C. J. and Robert Hudson. REPORT ON BIRD-RINGING FOR 1982. *Ringing Migration* 4(5):281-319. Dec. 1983. WR 193

84-004613 Molina Vicente, J.; A. Franco Ruiz and B. Palacios Alberti. RECUPERACION DE AVES ANILLADAS EN ESPAÑA POR ICONA: AÑOS 1968-1979. OTRAS RECUPERACIONES NACIONALES Y EXTRANJERAS NO PUBLICADAS. [RECOVERY OF

84-004613 CONTINUED BIRDS BANDED IN SPAIN BY ICONA: YEARS 1968-1979. OTHER UNPUBLISHED RECOVERIES IN SPAIN AND ABROAD.] *Bol. Estac. Cent. Ecol.* 11(21):73-90. 1982. In Spanish with English summ. WR 193

84-004614 Molina, J.; A. Franco and B. Palacios. ANILLAMIENTO DE AVES EN ESPAÑA CON ANILLAS «ICONA» Y RECUPERACIONES DURANTE EL AÑO 1981. OTRAS RECUPERACIONES NACIONALES Y EXTRANJERAS INEDITAS. [THE BANDING OF BIRDS IN SPAIN WITH "ICONA" BANDS AND RECOVERIES DURING 1981 AND OTHER PREVIOUSLY UNPUBLISHED NATIONAL AND FOREIGN RECOVERIES.] *Bol. Estac. Cent. Ecol.* 12(23):95-108. 1983. In Spanish with English summ. WR 193

84-004615 Porter, R. F. THE AUTUMN MIGRATION OF PASSERINES AND NEAR-PASSERINES AT THE BOSPHORUS, TURKEY. *Sandgrouse* No. 5. p. 45-74. 1983. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire, England]

84-004616 Quilliam, Helen R. PRINCE EDWARD POINT OBSERVATORY 1982 ANNUAL REPORT. 1982 BANDING YEAR. *Ont. Bird Banding* 15(3):15-18. Dec. 1982. WR 193
[161 Willingdon Ave., Kingston, Ontario, Canada K7L 4H9]

84-004617 Rabøl, Jørgen. NOCTURNAL MIGRANTS AT CHRISTIANSØ BIRD STATION. *Ornis Fenn.* Suppl. 3. p. 37-38. 1983. WR 193
[Zool. Lab., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark]

84-004618 Rabøl, Jørgen. EVOLUTION OF ORIENTATION IN MIGRATORY BIRDS. *Ornis Fenn.* Suppl. 3. p. 17-19. 1983. WR 193
[Zool. Lab., Universitetsparken 15, DK-2100 Copenhagen Ø, Denmark]

84-004619 Scott, F. R. BANDING RESULTS AT KIPTOPEKE BEACH IN 1980. *Raven* 53(2):36-39. June 1982. WR 193
[115 Kennondale Lane, Richmond, VA 23226]

84-004620 Sharland, R. E. RINGING IN NIGERIA IN 1982. 25TH ANNUAL REPORT. *Malimbus* 5(2):78. Dec. 1983. WR 193
[B-1910 Melsbroek, Belgium]

84-004621 Simpson, D. M. AUTUMN MIGRATION OF LANDBIRDS OFF NORTH BORNEO IN 1981. *Sea Swallow* 32:48-53. 1981/82. WR 193
[20 Heather Dr., Eskdale Park, Whitby, North Yorkshire, England]

84-004622 Sultana, Joe and Charles Gauci. RINGING REPORT FOR 1979-81. *Il-Merill* No. 22. p. 43-56. 1981-83. WR 193

84-004623 Tiainen, Juha. THE THIRD CONFERENCE ON THE STUDY AND CONSERVATION OF MIGRATORY BIRDS IN THE BALTIC BASIN: PREFACE AND PERSPECTIVES. *Ornis Fenn.* Suppl. 3. p. 5-6. 1983. WR 193
[Univ. Helsinki, Dep. Zool., P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

BIRDS--MIGRATION AND BANDING REPORTS (CONTINUED)

84-004624 Walcott, Charles. MYSTERIES OF MIGRATION. *Conservationist* 38(5):24-31. Mar.-Apr. 1984. WR 193

BIRDS--MORTALITY AND SURVIVAL

84-004625 Byrne, Sheila. BIRD MOVEMENTS AND COLLISION MORTALITY AT A LARGE HORIZONTAL AXIS WIND TURBINE. *Cal-Neva Wildl. Trans.* 1983:76-83. 1983. WR 193
[Pac. Gas & Electric Co., 3400 Crow Canyon Rd., San Ramon, CA 94583]

84-004626 Dinsmore, James J.; Rochelle B. Renken and Joseph P. Schaufenbuel. TV TOWER KILL IN CENTRAL IOWA. *Iowa Bird Life* 53(4):91-93. Dec. 1983. WR 193
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011] Data for 33 spp.

84-004627 Mollhoff, Wayne J. TOWER KILLS. *Nebr. Bird Rev.* 51(4):92. Dec. 1983. WR 193
[736 S. Third, Albion, NE 68620]

84-004628 Simpson, D. M. BIRDS SEEN AT THE TEMBUNGO GAS FLARE, NORTH BORNEO DURING THE DEVELOPMENT OF TYPHOON 'CLARA'. *Sea Swallow* 32:82-83. 1981/82. WR 193
[20 Heather Dr., Eskdale Park, Whitby, North Yorkshire, England]

BIRDS--PESTICIDES AND POLLUTION

84-004629 Akinyemi, Joseph O. and Michael O. Iyoha. A CASE OF SUSPECTED POISONING OF WEST AFRICAN CROWNED CRANES *BALEARICA PAVONINA PAVONINA* WITH DIAZINON, AN ORGANOPHOSPHATE INSECTICIDE. *Zool. Gart.* 53(3/5):317-319. 1983. In English. WR 193
[Univ. Ibadan, Dep. Vet. Pathol., Ibadan, Nigeria]

84-004630 Albers, Peter H. EFFECTS OF OIL ON AVIAN REPRODUCTION: A REVIEW AND DISCUSSION. *Presented at The Effects of Oil on Birds. A Multi-discipline Symposium. The Wetlands Institute, Stone Harbor, N.J. 17-19 September 1982* p. 78-96. 1982. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004631 Anderson, William L. POTENTIAL FOR LEAD POISONING DIE-OFFS AMONG WATERFOWL AT REND LAKE. *Ill. Dep. Conserv. Periodic Rep.* No. 36. 10p. 17 Aug. 1982. WR 193

84-004632 Anderson, William L. SPENT SHOTGUN PELLETS IN SOIL ON THE PHEASANT PUT-AND-TAKE HUNTING AREA AT REND LAKE IN 1983. *Ill. Dep. Conserv. Periodic Rep.* No. 40. 8p. 18 July 1983. WR 193
Phasianus colchicus in Illinois.

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-004633 Anderson, William L. LEAD POISONING IN ILLINOIS WATERFOWL, 1979 THROUGH JANUARY 1982: INGESTED SHOT, BLOOD CHEMISTRY, AND DIE-OFFS. *Ill. Dep. Conserv. Periodic Rep.* No. 35. 20p. 16 Aug. 1982. WR 193

84-004634 Applequist, Helge; Sten Asbirk and Iver Drabaek. MERCURY MONITORING: MERCURY STABILITY IN BIRD FEATHERS. *Mar. Pollut. Bull.* 15(1):22-24. Jan. 1984. WR 193
[Danish Isotope Cent., Skelbaekgade 2, DK 1717 Copenhagen V, Denmark] *Uria aalge* and *Cepphus grylle*.

84-004635 Bauer, Cheryl A. THE EFFECTS OF PARAQUAT ON VARIOUS REPRODUCTIVE AND GROWTH PARAMETERS IN FIRST AND SECOND GENERATION BOBWHITE QUAIL. *Ph.D. dissertation, Indiana State Univ.* 81p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1743. Dec. 1983. WR 193
Colinus virginianus.

84-004636 Bull, K. R.; W. J. Every; P. Freestone; J. R. Hall; D. Osborn; A. S. Cooke and T. Stowe. ALKYL LEAD POLLUTION AND BIRD MORTALITIES ON THE MERSEY ESTUARY, UK, 1979-1981. *Environ. Pollut. Ser. A Ecol. Biol.* 31(4):239-259. 1983. WR 193
[NERC, Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, Cambridgeshire PE17 2LS, England]

84-004637 Cavanaugh, Kathleen Patricia. THE EFFECTS OF INGESTED PETROLEUM ON SOME ENDOCRINE MECHANISMS REGULATING REPRODUCTIVE CYCLICITY IN MALLARD DUCKS. *Ph.D. dissertation, Univ. Calif. (Santa Barbara)* 107p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1728. Dec. 1983. WR 193
Anas platyrhynchos.

84-004638 Chasko, Gregory G.; Thomas R. Hoehn and Penelope Howell-Heller. TOXICITY OF LEAD SHOT TO WILD BLACK DUCKS AND MALLARDS FED NATURAL FOODS. *Bull. Environ. Contam. Toxicol.* 32(4):417-428. Apr. 1984. WR 193
[Conn. Dep. Environ. Prot., Wildl. Bur., Franklin Wildl. Manage. Area, Rt. 32, North Franklin 06254] *Anas rubripes* and *A. platyrhynchos*.

84-004639 Clapp, Roger B.; Deborah Morgan-Jacobs and Richard C. Banks. MARINE BIRDS OF THE SOUTHEASTERN UNITED STATES AND GULF OF MEXICO. PART III. CHARADRIIFORMES. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 83/30. xvi + 853p. Sept. 1983. WR 193
[Mus. Sect., U.S. Fish Wildl. Serv., Natl. Mus. Nat. Hist., Washington, DC 20560]

84-004640 Clark, R. B. IMPACT OF OIL POLLUTION ON SEABIRDS. *Environ. Pollut. Ser. A Ecol. Biol.* 33(1):1-22. 1984. WR 193
[Dep. Zool., Univ. Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU, England]

84-004641 Clausager, Ib. OIL POLLUTION IN DANISH WATERS. *Ornis Fenn.* Suppl. 3. p. 110-111. 1983. WR 193
[Game Biol. Stn., Kalø, DK-8410 Rønde, Denmark]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-004642 Custer, Thomas W.; J. Christian Franson and Oliver H. Pattee. TISSUE LEAD DISTRIBUTION AND HEMATOLOGIC EFFECTS IN AMERICAN KESTRELS (*FALCO SPARVERIUS* L.) FED BIOLOGICALLY INCORPORATED LEAD. *J. Wildl. Dis.* 20(1):39-43. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004643 Custer, Thomas W.; Ian C. T. Nisbet and Alexander J. Krynitsky. ORGANOCHLORINE RESIDUES AND SHELL CHARACTERISTICS OF ROSEATE TERN EGGS, 1981. *J. Field Ornithol.* 54(4):394-400. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Gulf Goast Field Stn., Victoria, TX 77902] *Sterna dougallii*.

84-004644 Findholt, Scott L. and Charles H. Trost. EGGSHELL QUALITY OF BLACK-BILLED MAGPIES NESTING IN IDAHO. *Murrelet* 64(3):91-93. 1983. WR 193
[Wyo. State Training School, Lander 82520] *Pica pica*.

84-004645 Grue, Christian E. and Cheri C. Hunter. BRAIN CHOLINESTERASE ACTIVITY IN FLEDGLING STARLINGS: IMPLICATIONS FOR MONITORING EXPOSURE OF SONGBIRDS TO CHe INHIBITORS. *Bull. Environ. Contam. Toxicol.* 32(3):282-289. Mar. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Sturnus vulgaris*.

84-004646 Heinz, G. H.; S. D. Haseltine; W. L. Reichel and G. L. Hensler. RELATIONSHIPS OF ENVIRONMENTAL CONTAMINANTS TO REPRODUCTIVE SUCCESS IN RED-BREASTED MERGANSERS *MERGUS SERRATOR* FROM LAKE MICHIGAN. *Environ. Pollut. Ser. A Ecol. Biol.* 32(3):211-232. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004647 Heinz, Gary H.; Susan D. Haseltine and Louis Sileo. ALTERED AVOIDANCE BEHAVIOR OF YOUNG BLACK DUCKS FED CADMIUM. *Environ. Toxicol. Chem.* 2(4):419-421. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Anas rubripes*.

84-004648 Henny, Charles J.; Lawrence J. Blus; Alexander J. Krynitsky and Christine M. Bunick. CURRENT IMPACT OF DDE ON BLACK-CROWNED NIGHT-HERONS IN THE INTERMOUNTAIN WEST. *J. Wildl. Manage.* 48(1):1-13. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., 480 SW Airport Rd., Corvallis, OR 97333]

84-004649 Hoffman, David J. and Peter H. Albers. EVALUATION OF POTENTIAL EMBRYOTOXICITY AND TERATOGENICITY OF 42 HERBICIDES, INSECTICIDES, AND PETROLEUM CONTAMINANTS TO MALLARD EGGS. *Arch. Environ. Contam. Toxicol.* 13(1):15-27. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-004650 Hutton, M. ACCUMULATION OF HEAVY METALS AND SELENIUM IN THREE SEABIRD SPECIES FROM THE UNITED KINGDOM. *Enivron. Pollut. Ser. A Ecol. Biol.* 26(2):129-145. Oct. 1981. WR 193
[Monit. & Assess. Res. Cent., Chelsea Coll., Univ. London, 459A Fullham Rd., London SW10 0QX, England] *Larus argentatus*, *Catharacta skua* and *Haematopus ostralegus*.

84-004651 Kendall, Ronald J.; Gary W. Norman and Patrick F. Scanlon. LEAD CONCENTRATIONS IN RUFFED GROUSE COLLECTED FROM SOUTHWESTERN VIRGINIA. *Northwest Sci.* 58(1):14-17. Feb. 1984. WR 193
[Huxley Coll. Environ. Studies, Western Wash. Univ., Bellingham 98225] *Bonasa umbellus*.

84-004652 Kendall, Ronald J. and Patrick F. Scanlon. EFFECTS OF CHRONIC LEAD INGESTION ON REPRODUCTIVE CHARACTERISTICS OF RINGED TURTLE DOVES *STREPTOPELIA RISORIA* AND ON TISSUE LEAD CONCENTRATIONS OF ADULTS AND THEIR PROGENY. *Environ. Pollut. Ser. A Ecol. Biol.* 26(3):203-213. Nov. 1981. WR 193
[Huxley Coll. Environ. Stud., Western Wash. Univ., Bellingham 98225]

84-004653 Krzyskowiak, Alfred H. CONTENT OF CHLORINATED HYDROCARBONS IN BODY AND EGGS OF MALLARD (*ANAS PLATYRHYNCHOS* L.) IN A FREE LIVING POPULATION. *Ekol. Pol.* 30(1-2):139-163. 1982. In English with Polish summ. WR 193
[Dep. Zool. & Ecol., Inst. Zool., Univ. Warsaw, Krakowskie Przedmiescie 26/28, 00-927 Warsaw, Poland]

84-004654 Lewis, Stephen J. and Fred B. Samson. USE OF UPLAND FORESTS BY BIRDS FOLLOWING SPRAY-IRRIGATION WITH MUNICIPAL WASTEWATER. *Environ. Pollut. Ser. A Ecol. Biol.* 26(4):267-273. Dec. 1981. WR 193
[Coop. Wildl. Res. Unit, Dep. Nat. Resour., Fernow Hall, Cornell Univ., Ithaca, NY 14853]

84-004655 Lindberg, Peter. MERCURY IN FEATHERS OF SWEDISH GYRFALCONS, *FALCO RUSTICOLUS*, IN RELATION TO DIET. *Bull. Environ. Contam. Toxicol.* 32(4):453-459. Apr. 1984. WR 193
[Dep. Zool., Univ. Göteborg, Box 25059, S-400 31 Göteborg, Sweden]

84-004656 McKay, C.; C. Prentice and K. Shepherd. SURVEY OF BREEDING SEABIRDS IN YELL SOUND, SHETLAND, SUMMER 1981. *Shetland Oil Terminal Environ. Advisory Group (Aberdeen, Scotland)* 64p. 1981. From U.S. Government Report 83(26):6484. 23 Dec. 1983. Available from NTIS as PB83-256966. WR 193

84-004657 Nicholson, J. K. and D. Osborn. KIDNEY LESIONS IN JUVENILE STARLINGS *STURNUS VULGARIS* FED ON A MERCURY-CONTAMINATED SYNTHETIC DIET. *Environ. Pollut. Ser. A Ecol. Biol.* 33(3):195-206. 1984. WR 193
[Toxicol. Unit, Dep. Pharmacol., School Pharmacy, Brunswick Square, London WC1, England]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-004658 Norheim, Gunnar and Bjørn Kjos-Hanssen. PERSISTENT CHLORINATED HYDROCARBONS AND MERCURY IN BIRDS CAUGHT OFF THE WEST COAST OF SPITSBERGEN. *Environ. Pollut. Ser. A Ecol. Biol.* 33(2):143-152. 1984. WR 193
[Natl. Vet. Inst., P.O. Box 8156 Dep., Oslo 1, Norway] Data for 5 spp.

84-004659 Osborn, D.; W. J. Every and K. R. Bull. THE TOXICITY OF TRIALKYL LEAD COMPOUNDS TO BIRDS. *Environ. Pollut. Ser. A Ecol. Biol.* 31(4):261-275. 1983. WR 193
[NERC, Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, Cambridgeshire PE17 2LS, England]

84-004660 Parslow, J. L. F.; G. J. Thomas and T. D. Williams. HEAVY METALS IN THE LIVERS OF WATERFOWL FROM THE OUSE WASHES, ENGLAND. *Environ. Pollut. Ser. A Ecol. Biol.* 29(4):317-327. Dec. 1982. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England]

84-004661 Pattee, Oliver H. EGGSHELL THICKNESS AND REPRODUCTION IN AMERICAN KESTRELS EXPOSED TO CHRONIC DIETARY LEAD. *Arch. Environ. Contam. Toxicol.* 13(1):29-34. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004662 Samuels, William B. and Anthony Ladino. CALCULATIONS OF SEABIRD POPULATION RECOVERY FROM POTENTIAL OILSPILLS IN THE MID-ATLANTIC REGION OF THE UNITED STATES. *Ecol. Modelling* 21(1-2):63-84. Jan. 1984. WR 193
[U.S. Geol. Surv., 760 National Center, Reston, VA 22092]

84-004663 Saunders, G. R. and K. Cooper. PESTICIDE CONTAMINATION OF BIRDS IN ASSOCIATION WITH MOUSE PLAGUE CONTROL. *Emu* 82(4):227-229. Dec. 1982. WR 193
[Dep. Agric., Vet. Res. Stn., Glenfield, New South Wales 2167, Australia]

84-004664 Schreiber, Ralph W. A BROWN STUDY OF THE BROWN PELICAN. *Nat. Hist.* 91(1):38-42. Jan. 1982. WR 193
Pelecanus occidentalis.

84-004665 Stickel, Lucille F.; William H. Stickel; Russell A. Dyrland and Donald L. Hughes. OXYCHLORDANE, HCS-3260, AND NONACHLOR IN BIRDS: LETHAL RESIDUES AND LOSS RATES. *J. Toxicol. Environ. Health* 12(4-6):611-622. Oct.-Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004666 Stickel, William H.; Lucille F. Stickel; Russell A. Dyrland and Donald L. Hughes. AROCLOR 1254 RESIDUES IN BIRDS: LETHAL LEVELS AND LOSS RATES. *Arch. Environ. Contam. Toxicol.* 13(1):7-13. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004667 Stickel, William H.; Lucille F. Stickel; Russell A. Dyrland and Donald L. Hughes. DDE IN BIRDS: LETHAL RESIDUES AND LOSS RATES. *Arch. Environ. Contam. Toxicol.* 13(1):1-6. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

BIRDS--PESTICIDES AND POLLUTION (CONTINUED)

84-004668 Trivelpiece, Wayne Z.; Ronald G. Butler; David S. Miller and David B. Peakall. REDUCED SURVIVAL OF CHICKS OF OIL-DOSED ADULT LEACH'S STORM-PETRELS. *Condor* 86(1):81-82. Feb. 1984. WR 193
[Point Reyes Bird Observatory, Stinson Beach, CA 94970] *Oceanodroma leucorhoa*.

84-004669 Valste, Juha. EFFECT OF THE ANTONIO GRAMSCI OIL SPILL ON THE AVIFAUNA OF THE FINNISH SOUTHWESTERN ARCHIPELAGO. *Ornis Fenn.* Suppl. 3. p. 112-113. 1983. WR 193
[Tvärminne Zool. Stn., Univ. Helsinki, SF-10850 Tvärminne, Finland]

84-004670 Wallace, B. M.; R. J. Warren and R. J. Whyte. LEAD SHOT INCIDENCE IN WATERFOWL COLLECTED FROM THE TEXAS HIGH PLAINS. *Prairie Nat.* 15(4):157-158. Dec. 1983. WR 193
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409]

84-004671 Wallace, B. M.; R. J. Warren and G. D. Gaines. LEAD SHOT INCIDENCE IN SANDHILL CRANES COLLECTED FROM ALASKA, CANADA, AND TEXAS. *Prairie Nat.* 15(4):155-156. Dec. 1983. WR 193
[Dep. Range & Wildl. Manage., Tex. Tech Univ., Lubbock 79409] *Grus canadensis*.

84-004672 Walters, Michael. DEAD FERAL ROCK DOVE WITH PLASTIC CARRIER BAG AROUND NECK. *Br. Birds* 77(1):24. Jan. 1984. WR 193
[4 Prince's Rd., Richmond, Surrey, England] *Columba livia* in England.

84-004673 Whisenhunt, J. E. and D. V. Maurice. THE INFLUENCE OF MAGANESE AND LEAD ON AVIAN EGG SHELL STRENGTH. *Bull. S.C. Acad. Sci.* 43:121. 1981. Abstract only. WR 193

84-004674 White, Donald H.; Christine A. Mitchell and Richard M. Prouty. NESTING BIOLOGY OF LAUGHING GULLS IN RELATION TO AGRICULTURAL CHEMICALS IN SOUTH TEXAS, 1978-81. *Wilson Bull.* 95(4):540-551. Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., School For. Resour., Univ. Ga., Athens 30602] *Larus atricilla*.

84-004675 Wiens, John A.; R. Glenn Ford and Dennis Heinemann. INFORMATION NEEDS AND PRIORITIES FOR ASSESSING THE SENSITIVITY OF MARINE BIRDS TO OIL SPILLS. *Biol. Conserv.* 28(1):21-49. 1984. WR 193
[Dep. Biol., Univ. N.M., Albuquerque 87131]

BIRDS--PARASITES AND DISEASES

84-004676 Grimes, J. E. AVIAN CHLAMYDIOSIS. *Southwest. Vet.* 35(2):135-137. 1982. WR 193
[Dep. Vet. Microbiol. & Parsitol., Coll. Vet. Med., Tex. A&M Univ., College Station 77843]

BIRDS--PARASITES AND DISEASES (CONTINUED)

84-004677 Gulka, Cecilia M.; Theresa H. Piela; Vance J. Yates and Clarence Bagshaw. EVIDENCE OF EXPOSURE OF WATERFOWL AND OTHER AQUATIC BIRDS TO THE HEMAGGLUTINATING DUCK ADENOVIRUS IDENTICAL TO EDS-76-VIRUS. *J. Wildl. Dis.* 20(1):1-5. Jan. 1984. WR 193
[Dep. Anim. & Vet. Sci., Univ. R.I., Kingston 02881] Data from 12 spp.

84-004678 Peirce, M. A. HAEMATOZOA OF ZAMBIAN BIRDS. I. GENERAL SURVEY. *J. Nat. Hist.* 18(1):105-122. Jan.-Feb. 1984. WR 193
[16 Westmoreland Close, Woosehill, Wokingham, Berkshire, England]

84-004679 Peirce, M. A. HAEMATOZOA OF ZAMBIAN BIRDS. II. DESCRIPTION OF *HAEMOPROTEUS BALMORALI* SP. NOV. FROM TURDIDAE AND MUSCICAPIDAE. *J. Nat. Hist.* 18(1):123-125. Jan.-Feb. 1984. WR 193
[16 Westmoreland Close, Woosehill, Wokingham, Berkshire, England]

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

84-004680 Barichello, Norman. PRODUCTIVITY OF GYRFALCONS (*FALCO RUSTICOLUS*) AS A RESPONSE TO CHANGES IN THE PTARMIGAN (*LAGOPUS* SPP.) ABUNDANCE OVER A FIVE YEAR PERIOD. *Proc. Alaska Sci. Conf.* 34:65. 1983. Abstract only. WR 193
[Dep. Renewable Resour., Whitehorse, Yukon, Canada]

84-004681 Bollinger, Eric K. and James W. Caslick. RELATIONSHIPS BETWEEN BIRD-DROPPING COUNTS, CORN DAMAGE, AND RED-WINGED BLACKBIRD ACTIVITY IN FIELD CORN. *J. Wildl. Manage.* 48(1):209-211. Jan. 1984. WR 193
[Dep. Nat. Resour., N.Y. State Coll. Agric. & Life Sci., Cornell Univ., Ithaca 14853] *Agelaius phoeniceus* in New York.

84-004682 Burger, Joanna. JET AIRCRAFT NOISE AND BIRD STRIKES: WHY MORE BIRDS ARE BEING HIT. *Environ. Pollut. Ser. A Ecol. Biol.* 30(2):143-152. Feb. 1983. WR 193
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903]

84-004683 Civil Aviation Authority. BIRD CONTROL ON AERODROMES. *Civil Aviation Authority, London (England)* 35p. 1981. From U.S. Government Reports 83(21):5034. 14 Oct. 1983. Available from NTIS as PB83-228932. WR 193

84-004684 Conover, Michael R. COMPARATIVE EFFECTIVENESS OF AVITROL, EXPLODERS, AND HAWK-KITES IN REDUCING BLACKBIRD DAMAGE TO CORN. *J. Wildl. Manage.* 48(1):109-116. Jan. 1984. WR 193
[Dep. Ecol. & Climatol., Conn. Agric. Exp. Stn., Box 1106, New Haven 06504]

84-004685 Enquist, Magnus. HOW DO ARCTIC SKUAS *STERCORARIUS PARASITICUS* SEARCH FOR DIVER EGGS? *Ornis Fenn.* 60(3):83-85. 1983. In English with Finnish summ. WR 193

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL (CONTINUED)

84-004685 CONTINUED
[Dep. Zool., Div. Ethol., Univ. Stockholm, Box 6801, S-113 86 Stockholm, Sweden] *Gavia stellata* in Iceland.

84-004686 Grant, Andrew. PREDATION OF GOLDFINCH BY NEW ZEALAND KINGFISHER. *Notornis* 30(4):318. Dec. 1983. WR 193
[Wildl. Serv., Pukipuki Rd., R.D. 11, Foxton, New Zealand] *Carduelis carduelis* and *Halcyon sancta* in New Zealand.

84-004687 King, Bernard. GREAT SKUA ATTACKING AND KILLING HERRING GULL AT SEA. *Sea Swallow* 32:83-84. 1981/82. WR 193
[9 Park Rd., Newlyn, Penzance, Cornwall, England] *Stercorarius skua* and *Larus argentatus*.

84-004688 Kosonen, Lasse. A HERRING GULL *LARUS ARGENTATUS* PREYING ON ADULT BIRDS. *Ornis Fenn.* 60(3):88-89. 1983. In English with Finnish summ. WR 193
[Sammonkatu 14 C 43, SF-33540 Tampere 54, Finland] Prey included *Larus ridibundus*, *Corvus monedula*, and *Columba livia*.

84-004689 Kus, Barbara E.; Philip Ashman; Gary W. Page and Lynne E. Stenzel. AGE-RELATED MORTALITY IN A WINTERING POPULATION OF DUNLIN. *Auk* 101(1):69-73. Jan. 1984. WR 193
[Div. Environ. Studies, Univ. Calif., Davis 95616] *Falco columbarius* preying upon *Calidris alpina* in California.

84-004690 Nisbet, Ian C. T. and Melinda J. Welton. SEASONAL VARIATIONS IN BREEDING SUCCESS OF COMMON TERNS: CONSEQUENCES OF PREDATION. *Condor* 86(1):53-60. Feb. 1984. WR 193
[6208 Lakeview Dr., Falls Church, VA 22041] *Sterna hirundo* in Massachusetts.

84-004691 Norton, D. W. and George J. Divoky. BIOENERGETIC SIGNIFICANCE OF SNOWY OWL (*NYCTEA SCANDIACA*) PREDATION AT A BREEDING COLONY OF BLACK GUILLEMOTS (*CEPPHUS GRYLLE*) IN ARCTIC ALASKA. *Proc. Alaska Sci. Conf.* 34:81. 1983. Abstract only. WR 193
[Inst. Arctic Biol., Univ. Alaska, Fairbanks]

84-004692 Torres-Barreto, Alvaro. OBSERVACIONES SOBRE COMPORTAMIENTO DE *ZONOTRICHIA CAPENSIS* (AVES) PARTICULARMENTE FRENTE A *FALCO SPARVERIUS*. [OBSERVATIONS ON THE BEHAVIOR OF *ZONOTRICHIA CAPENSIS* (AVES) PARTICULARLY IN REFERENCE TO *FALCO SPARVERIUS*.] *Lozania (Acta Zool. Colombiana)* No. 39. 6p. 30 June 1983. In Spanish. WR 193

84-004693 Van der Ham, Nick F. SQUACCO HERON ATTEMPTING TO SWALLOW WOOD SANDPIPER. *Br. Birds* 77(2):72. Feb. 1984. WR 193
[Fritz Conijn Laan 17, 1815 DS Alkmaar, Netherlands] *Ardeola ralloides* and *Tringa glareola* in Israel.

GALLINACEOUS BIRDS--GENERAL

84-004694 Sych, V. F. [MORPHO-FUNCTIONAL PECULIARITIES OF THE VENTRO-THORACAL MUSCLE COMPLEX IN THE PHASIANIDAE AND TETRAONIDAE (GALLIFORMES).] *Zool. Zh.* 62(11):1701-1708. Nov. 1983. In Russian with English summ. WR 193
[Inst. Zool., Acad. Sci., Kiev Ukrainian SSR, USSR]

84-004695 Xu Yangong. [FAUNISTIC STUDIES OF GALLINACEANS OF THE DIQING AUTONOMOUS REGION, N. W. YUNNAN.] *Zool. Res.* 4(4):353-362. 1983. In Chinese with English summ. WR 193

GROUSE AND PTARMIGAN

84-004696 Bajor, Boguslaw. ZANIM ZGINIE OSTATNI CIETRZEW *LYRURUS TETRIX*. [BEFORE THE LAST BLACK GROUSE, *LYRURUS TETRIX*, IS SHOT.] *Chronmy Przyr. Ojczysta* 39(4):66-67. 1983. In Polish. WR 193

84-004697 Cannon, Richard W. CAN WE SAVE THE PRAIRIE CHICKEN? *Mo. Conserv.* 45(4):4-7. Apr. 1984. WR 193
Tympanuchus cupido in Missouri.

84-004698 del Campo, J. C. and J. F. Garcia-Gaona, editors. CENSO DE UROGALLOS (*TETRAO UROGALLUS*) EN LA CORDILLERA CANTABRICA. [CENSUS OF CAPERCAILLIES IN THE CANTABRIAN RANGE.] *Nat. Hisp.* No. 25. 32p. 1983. In Spanish with English summ. WR 193

84-004699 Evanich, Joe. DISTRIBUTION: COLUMBIAN SHARP-TAILED GROUSE. *Oreg. Birds* 9(4):147-149. 1983. WR 193
Tympanuchus phasianellus columbianus in Oregon.

84-004700 Fasel, Michael and Niklaus Zbinden. KAUSALANALYSE ZUM VERLAUF DER SÜDLICHEN AREALGRENZE DES ALPENSCHNEEHUHNS *LAGOPUS MUTUS* IM TESSIN. [FACTORS DETERMINING THE SOUTHERN FRONTIER AREA OF DISTRIBUTION OF THE ROCK PTARMIGAN *LAGOPUS MUTUS* IN THE TICINO, SOUTHERN SWITZERLAND.] *Ornithol. Beob.* 80(4):231-246. Dec. 1983. In German with Italian and English summ. WR 193
[72, FL-9494 Schaan, Liechtenstein]

84-004701 Hoffman, Richard W. and Kenneth M. Giesen. DEMOGRAPHY OF AN INTRODUCED POPULATION OF WHITE-TAILED PTARMIGAN. *Can. J. Zool.* 61(8):1758-1764. Aug. 1983. In English with French summ. WR 193
[Colo. Div. Wildl., Wildl. Res. Cent., 317 W. Prospect, Fort Collins 80526] *Lagopus leucurus* in Colorado.

84-004702 Illinois Natural History Survey. PRAIRIE CHICKEN MANAGEMENT--CYCLES, DENSITIES, AND THRESHOLDS. *Ill. Nat. Hist. Surv. Rep.* No. 235. 4p. Mar. 1984. WR 193
[Paul G. Risser: Ill. Nat. Hist. Surv., Dep. Energy & Nat. Resour., Nat. Resour. Bldg., 607 E. Peabody Dr., Champaign 61820] *Tympanchus cupido* in Illinois.

GROUSE AND PTARMIGAN (CONTINUED)

84-004703 Jamieson, I. G. THE SHOULDER-SPOT DISPLAY IN MALE BLUE GROUSE. *Wilson Bull.* 95(4):667-669. Dec. 1983. WR 193
[Dep. Zool., Univ. Auckland, Auckland, New Zealand] *Dendragapus obscurus* in Canada.

84-004704 Jamieson, Ian G. SEASONAL CHANGES IN SPATIAL PATTERNS AND BEHAVIOR OF YEARLING MALE BLUE GROUSE ON THE BREEDING RANGE. *Can. J. Zool.* 61(12):2777-2780. Dec. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Auckland, Auckland, New Zealand] *Dendragapus obscurus* in Canada.

84-004705 Larsen, Björn B.; Per Wegge and Torstein Storaas. SPACING BEHAVIOUR OF CAPERCAILLIE COCKS DURING SPRING AND SUMMER AS DETERMINED BY RADIO TELEMETRY. *WPA 2nd Int. Symp. Grouse* 7p. 1981. WR 193
Tetrao urogallus in Norway.

84-004706 Lewis, Richard A. EVIDENCE OF AGGRESSIVE BEHAVIOR IN FEMALE BLUE GROUSE. *Auk* 101(1):195-196. Jan. 1984. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Dendragapus obscurus* in Canada.

84-004707 Lindén, Harto. NETSON JA TEEREN MUNA- JA PESYEKOON VAIHTELUSTA. [VARIATIONS IN CLUTCH SIZE AND EGG SIZE OF CAPERCAILLIE AND BLACK GROUSE.] *Suomen Riista* 30:44-50. 1983. In Finnish with English summ. WR 193
[Game & Fish. Res. Inst., Pitkänsillaranta 3A, SF-00530 Helsinki 53, Finland] *Tetrao urogallus* and *T. tetrix* in Finland.

84-004708 Lindén, Harto. METSON JA TEEREN KUOLEVUUDESTA. [ESTIMATION OF JUVENILE MORTALITY IN THE CAPERCAILLIE AND THE BLACK GROUSE FROM INDIRECT EVIDENCE.] *Suomen Riista* 30:79-89. 1983. In Finnish with English summ. WR 193
[Game & Fish. Res. Inst., Pitkänsillaranta 3A, SF-00530 Helsinki 53, Finland] *Tetrao urogallus* and *T. tetrix* in Finland.

84-004709 Marjakangas, A.; H. Rintamäki and R. Hissa. THERMAL RESPONSES IN THE CAPERCAILLIE *TETRAO UROGALLUS* AND THE BLACK GROUSE *LYRURUS TETRIX* ROOSTING IN THE SNOW. *Physiol. Zool.* 57(1):99-104. Jan./Feb. 1984. WR 193
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

84-004710 Marjakangas, Arto; Hannu Rintamäki and Raimo Hissa. LUMIKIEPISSÄ YÖPYVÄN METSON JA TEEREN LÄMPÖTALOUDESTA. [THERMAL RESPONSES IN THE CAPERCAILLIE (*TETRAO UROGALLUS*) AND THE BLACK GROUSE (*TETRAO TETRIX*) ROOSTING IN SNOW BURROWS.] *Suomen Riista* 30:64-70. 1983. In Finnish with English summ. WR 193
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

84-004711 Moss, R.; A. Watson and P. Rothery. INHERENT CHANGES IN THE BODY SIZE, VIABILITY AND BEHAVIOUR OF A FLUCTUATING RED GROUSE (*LAGOPUS LAGOPUS SCOTICUS*) POPULATION. *J. Anim. Ecol.* 53(1):171-189. Feb. 1984. WR 193
[Inst. Terrestrial Ecol., Banchory, Kincardineshire, Scotland AB3 4BY]

GROUSE AND PTARMIGAN (CONTINUED)

84-004712 Norman, Gary W. and Roy L. Kirkpatrick. FOODS, NUTRITION, AND CONDITION OF RUFFED GROUSE IN SOUTHWESTERN VIRGINIA. *J. Wildl. Manage.* 48(1):183-187. Jan. 1984. WR 193
[Wildl. Resour. Div., Point Pleasant, WV 25550] *Bonasa umbellus.*

84-004713 Reid, H. W.; D. Buxton; I. Pow and R. Moss. EXPERIMENTAL LOUPING-ILL VIRUS INFECTION OF BLACK GROUSE (*TETRAO TETRIX*). *Arch. Virol.* 78(3-4):299-302. 1983. WR 193
[Moredun Res. Inst., Edinburgh, Scotland]

84-004714 Scott, M. Douglas. A WHITE-TAILED PTARMIGAN WITH BLACK RECTRICES. *Condor* 86(1):94-95. Feb. 1984. WR 193
[Inst. Nat. Resour., Mont. State Univ., Bozeman 59717] *Lagopus leucurus* in Montana.

84-004715 Tapper, Stephen. THE USE OF TIME-SERIES ANALYSIS FOR GAME BAG STATISTICS. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologsts, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 105-110. 1983. In English with French and German summ. WR 193
[Game Conserv., Fordingbridge, Hampshire, England] *Lagopus lagopus scoticus.*

84-004716 Thaler, Ellen. BEOBACHTUNGEN ZUR BRUTBIOLOGIE DES ALPENSCHNEEHUHNS (*LAGOPUS MUTUS HELVETICUS*) IM ALPENZOO INNSBRUCK. [OBSERVATIONS ON THE BROODING BIOLOGY OF PTARMIGAN IN THE ALPINE ZOO OF INNSBRUCK.] *Zool. Gart.* 53(2):102-124. 1983. In German with English summ. WR 193
[Alpenzoo, Innsbruck, Weiherburg, Austria]

84-004717 Wegge, Per; Torstein Storaas; Björn B. Larsen; Terje Bö and Morten Kolstad. WOODLAND GROUSE AND MODERN FORESTRY IN NORWAY. A SHORT PRESENTATION OF A NEW TELEMETRY PROJECT, AND SOME PRELIMINARY RESULTS ON BROOD MOVEMENTS AND HABITAT PREFERENCES OF CAPERCAILLIE AND BLACK GROUSE. *WPA 2nd Int. Symp. Grouse* 9p. 1981. WR 193
Lyrurus tetrix and *Tetrao urogallus.*

84-004718 Zwickel, Fred C.; James F. Bendell and Andrew N. Ash. POPULATION REGULATION IN BLUE GROUSE. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 212-225. Sept. 1983. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada] *Dendragapus obscurus* in Canada.

84-004719 Zwickel, Fred C. FACTORS AFFECTING THE RETURN OF YOUNG BLUE GROUSE TO BREEDING RANGE. *Can. J. Zool.* 61(5):1128-1132. May 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Dendragapus obscurus fuliginosus* in Canada.

PHASIANIDAE--GENERAL

84-004720 Menzdorf, Arne. ZUR KENNTNIS DES SOZIALVERHALTENS UND DER LAUTÄUßERUNGEN EINIGER FELDHUHNARTEN (PHASIANIDAE, PERDICINAE: *ALECTORIS* SPP.). [REGARDING THE KNOWLEDGE OF SOCIAL BEHAVIOUR AND CALLING PATTERNS OF DIVERSE PARTRIDGE SPECIES (PHASIANIDAE, PERDICINAE: *ALECTORIS* SPP.).] *Vogelwelt* 105(1):9-21. 1984. In German with English summ. WR 193
[Bahnhofstr. 3, D-2380 Schleswig, West Germany] *A. graeca saxatilis, A. chukar, A. rufa, A. barbara*, and *A. melanocephala*.

84-004721 Thomas, David H.; Berry Pinshow and A. Allan Degen. RENAL AND LOWER INTESTINAL CONTRIBUTIONS TO THE WATER ECONOMY OF DESERT-DWELLING PHASIANID BIRDS: COMPARISON OF FREE-LIVING AND CAPTIVE CHUKARS AND SAND PARTRIDGES. *Physiol. Zool.* 57(1):128-136. Jan./Feb. 1984. WR 193
[Dep. Zool., Univ. Coll., Cardiff CF1 1XL, Wales] *Alectoris chukar sinaica* and *Ammoperdix heyi*.

BOBWHITE

84-004722 Raye, Susan St. Clair. NORTHERN BOBWHITE *(COLINUS VIRGINIANUS)* VOCALIZATIONS: ONTOGENY OF VOCALIZATIONS AND VOCAL RECOGNITION OF BROOD-MATES. *Ph.D. dissertation, Univ. Wis.* 136p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1316. Nov. 1983. WR 193

84-004723 Soil Conservation Service. LAND MANAGEMENT FOR BOBWHITE QUAIL IN ALABAMA. *U.S. Dep. Agric. Soil Conserv. Serv.* 12p. 1983. From Monthly Catalog of U.S. Government Publications 84-2297. Jan. 1984. WR 193
Colinus virginianus.

84-004724 Spiers, Donald E. and Robert K. Ringer. THYROID HORMONE CHANGES IN THE BOBWHITE (*COLINUS VIRGINIANUS*) AFTER HATCHING. *Gen. Comp. Endocrinol.* 53(2):302-308. Feb. 1984. WR 193
[John B. Pierce Foundation Lab., 290 Congress Ave., New Haven, CT 06519]

OTHER AMERICAN QUAIL

84-004725 Smith, D. S. and J. R. Cain. CRITERIA FOR AGE CLASSIFICATION OF JUVENILE SCALED QUAIL. *J. Wildl. Manage.* 48(1):187-191. Jan. 1984. WR 193
[Dep. Poult. Sci., Tex. A&M Univ., College Station 77843] *Callipepla squamata*.

84-004726 Stormer, Fred A. NIGHT-ROOSTING HABITAT OF SCALED QUAIL. *J. Wildl. Manage.* 48(1):191-197. Jan. 1984. WR 193
[U.S. For. Serv., For. Environ. Res., RPE-808, P.O. Box 2417, Washington, DC 20013] *Callipepla squamata* in Texas.

COTURNIX

84-004727 Roberts, Juliet R. and Maryanne R. Hughes. GLOMERULAR FILTRATION RATE AND DRINKING RATE IN JAPANESE QUAIL, *COTURNIX COTURNIX JAPONICA*, IN RESPONSE TO ACCLIMATION TO SALINE WATER. *Can. J. Zool.*

COTURNIX (CONTINUED)

84-004727 CONTINUED 61(11):2394-2398. Nov. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. British Columbia, 6270 University Blvd., Vancouver, British Columbia, Canada V6T 2A9]

84-004728 Schleidt, Wolfgang M. SPATIAL AND TEMPORAL PATTERN OF CALLING SITES IN *COTURNIX* QUAILS. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 573-576. 1983. WR 193
[Univ. Md., College Park] *C. coturnix coturnix* in Austria.

RING-NECKED PHEASANT AND ALLIES

84-004729 Guthery, Fred S. and Richard W. Whiteside. PLAYAS IMPORTANT TO PHEASANTS ON THE TEXAS HIGH PLAINS. *Wildl. Soc. Bull.* 12(1):40-43. 1984. WR 193
[Caesar Kleberg Wildl. Res. Inst., Tex. A&I Univ., Kingsville 78363] *Phasianus colchicus*.

84-004730 Hussein, Talal H. GENETIC PARAMETER ESTIMATES FOR FEATHERING AND GROWTH IN RING-NECKED PHEASANT (*PHASIANUS COLCHICUS*) POPULATION. *Ph.D. dissertation, Mich. State Univ.* 129p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2023. Jan. 1984. WR 193

84-004731 Matulich, Scott C. A PHEASANT (*PHASIANUS COLCHICUS*) HABITAT SUITABILITY MODEL. *Wash. State Univ. Dep. Agric. Econ. Rep.* No. 55. 83p. Nov. 1983. WR 193

84-004732 Warner, Richard E.; Stanley L. Etter; G. Blair Joselyn and Jack A. Ellis. DECLINING SURVIVAL OF RING-NECKED PHEASANT CHICKS IN ILLINOIS AGRICULTURAL ECOSYSTEMS. *J. Wildl. Manage.* 48(1):82-88. Jan. 1984. WR 193
[Ill. Nat. Hist. Surv., Champaign 61820] *Phasianus colchicus*.

OTHER PHASIANIDAE

84-004733 Davison, G. W. H. THE EYES HAVE IT: OCELLI IN A RAINFOREST PHEASANT. *Anim. Behav.* 31(4):1037-1042. Nov. 1983. WR 193
[Zool. Dep., Univ. Kebangsaan Malaysia, Bangi, Selangor, Malaysia] *Polyplectron malacense* in Malaysia.

84-004734 Degen, A. Allan; Berry Pinshow and Peter J. Shaw. MUST DESERT CHUKARS (*ALECTORIS CHUKAR SINAICA*) DRINK WATER? WATER INFLUX AND BODY MASS CHANGES IN RESPONSE TO DIETARY WATER CONTENT. *Auk* 101(1):47-52. Jan. 1984. WR 193
[Jacob Blaustein Inst. Desert Res., Ben Gurion Univ. Negev, Sede Boqer Campus, 84990 Israel]

OTHER PHASIANIDAE (CONTINUED)

84-004735 Dornberger, Wolfgang. WINTERBEOBACHTUNGEN AN REBHÜHNERN *PERDIX PERDIX* IN MITTELFRANKEN. [WINTER OBSERVATIONS ON HUNGARIAN PARTRIDGES (*PERDIX PERDIX*) IN MIDDLE FRANKEN.] *Anz. Ornithol. Ges. Bayern* 22(3):169-175. Dec. 1983. In German with English summ. WR 193
[Inst. Vogelkunde, Sandrinaweg 1, 8821 Triesdorf, West Germany]

84-004736 Green, R. E. SPRING DISPERSAL AND AGONISTIC BEHAVIOUR OF THE RED-LEGGED PARTRIDGE (*ALECTORIS RUFA*). *J. Zool. (Lond.)* 201(4):541-555. Dec. 1983. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England]

84-004737 Johnson, D. N. MANAGEMENT OF GUINEAFOWL ON FARMLAND. *Wildl. Manage. Tech. Guides Farmers (South Africa)* No. 1. 4p. Feb. 1982. In English and Afrikaans. WR 193
[Natal Parks Board, P.O. Box 662, Pietermaritzburg, 3200 South Africa]
Numida meleagris in South Africa.

84-004738 Podor, M. PARTICIPATION DU MÂLE DE LA PERDRIX ROUGE (*ALECTORIS RUFA*) À L'INCUBATION. [THE MALE RED-LEGGED PARTRIDGE *ALECTORIS RUFA* HELPING WITH INCUBATION.] *Alauda* 52(1):70. 1984. In French. WR 193
[Lieutenant de Louveterie, 89620 Irancy, France]

84-004739 Pulliainen, Erkki. ETELÄ-POHJANMAAN PELTOPYIDEN SYYSRAVINNOSSA KAHDEN VUOSIKYMMENEN AIKANA TAPAHTUNEISTA MUUTOKSISTA. [CHANGES IN THE COMPOSITION OF THE AUTUMN FOOD OF THE PARTRIDGE (*PERDIX PERDIX*) IN SOUTHERN OSTROBOTHNIA, WESTERN FINLAND, OVER TWENTY YEARS.] *Suomen Riista* 30:15-21. 1983. In Finnish with English summ. WR 193
[Dep. Zool., Univ. Oulu, SF-90100 Oulu 10, Finland]

84-004740 Sahin, Rüstü. ZUR BALZ DES MIKADO-FASANS (*SYRMATICUS MIKADO*) IN GEFANGENSCHAFT. [THE COURTSHIP BEHAVIOUR OF THE MIKADO PHEASANT (*SYRMATICUS MIKADO*) IN CAPTIVITY.] *J. Ornithol.* 125(1):15-23. 1984. In German with English summ. WR 193
[Zool. Inst., Univ. Mainz, Saarstr. 21, D-6500 Mainz, West Germany]

84-004741 van Niekerk, J. H. OBSERVATION ON COURSHIP IN SWAINSON'S FRANCOLIN. *Bokmakierie* 35(4):90-92. Dec. 1983. WR 193
[18 Lovedale Ave., Silverfields, Krugersdorp, 1740 South Africa]
Francolinus swainsonii in South Africa.

TURKEY

84-004742 Miller, James E. and Herman L. Holbrook. RETURN OF A NATIVE: THE WILD TURKEY FLOURISHES AGAIN. *U.S. Dep. Agric. Yearb. Agric.* 1983:166-173. 1983. WR 193
Meleagris gallopavo in the United States.

TURKEY (CONTINUED)

84-004743 Sciple, G. W. and Gerry Newman. POPULATION OF A SEA ISLAND BY WILD TURKEYS. *Oriole* 47(1/2):17-18. Mar.-June 1982. WR 193
[2601 Parkwood Dr., Brunswick, GA 31570] *Meleagris gallopavo* in Georgia.

84-004744 Soil Conservation Service. LAND MANAGEMENT FOR WILD TURKEYS IN ALABAMA. *U.S. Dep. Agric. Soil Conserv. Serv.* 12p. 1983. From Monthly Catalog of U.S. Government Publications 84-2302. Jan. 1984. WR 193

84-004745 Weyer, Diane. THE OTHER WILD TURKEY. *A.F.A. Watchbird* 10(5):26-29. Oct.-Nov. 1983. WR 193
Meleagris ocellata.

OTHER GALLINACEOUS BIRDS

84-004746 Akinboade, O. A. and S. O. Ogunji. HAEMOPARASITES OF WILD GUINEAFOWL (*NUMIDA MELEAGRIS GALEATA*) AND DOMESTIC FOWL (*GALLUS DOMESTICUS*) IN THE KAINJI GAME PARK, KWARA STATE, NIGERIA. *Afr. J. Ecol.* 22(1):65-66. Mar. 1984. In English with French summ. WR 193
[Fac. Vet. Med., Univ. Ibadan, Ibadan, Nigeria]

84-004747 Appleton, C. C. TETRAMERIASIS IN CRESTED GUINEAFOWL FROM NATAL. *Ostrich* 54(4):238-240. Dec. 1983. WR 193
[Res. Inst. Dis. Trop. Environ., S. Afr. Med. Council, P.O. Box 17120, Congella 4013, South Africa] *Guttera pucherani* in South Africa.

84-004748 Ayeni, J. S. O. and S. S. Ajayi. WILDLIFE PROTEIN: GUINEAFOWL (*NUMIDA MELEAGRIS GALEATA* PALLAS) AS ANIMAL PROTEIN SUPPLEMENT. *Nigerian Field* 47(4):156-166. Aug. 1983. WR 193
[Kainji Lake Res. Inst., New Bussa, Nigeria]

84-004749 Ayeni, J. S. O. THE BIOLOGY AND UTILIZATION OF HELMETED GUINEAFOWL (*NUMIDA MELEAGRIS GALEATA* PALLAS). I. THE HABITAT AND DISTRIBUTION OF GUINEAFOWL IN THE KAINJI LAKE BASIN AREA, NIGERIA. *Afr. J. Ecol* 22(1):1-6. Mar. 1984. In English with French summ. WR 193
[Kainji Lake Res. Inst., Private Mail Bag 66, New Bussa, Kwara State, Nigeria]

84-004750 Pullen, Tom, Jr. SOUND PRODUCTION AND REPRODUCTIVE BIOLOGY OF THE HIGHLAND GUAN IN EL SALVADOR'S MONTECRISTO CLOUD FOREST. *Am. Birds* 37(6):948-950. Nov.-Dec. 1983. WR 193
[Box 1655, Vicksburg, MS 39180] *Penelopina nigra*.

84-004751 van Niekerk, J. H. MARKING AND OBSERVING HELMETED GUINEAFOWL IN THE KRUGERSDORP GAME RESERVE. *Safring News* 12(2):48-53. 1983. WR 193
[18 Lovedale Ave., Silverfields, Krugersdorp 1740, South Africa] *Numida meleagris* in South Africa.

DOVES AND PIGEONS

84-004752 Curtis, Paul D.; Clait E. Braun and Ronald A. Ryder. WING MARKERS: VISIBILITY, WEAR, AND EFFECTS ON SURVIVAL OF BAND-TAILED PIGEONS. *J. Field Ornithol.* 54(4):381-386. 1983. WR 193
[Dep. Fish. & Wildl. Biol., Colo. State Univ., Fort Collins 80523] *Columba fasciata.*

84-004753 Dunn, Roy. CRYPTIC BEHAVIOUR IN THE WONGA PIGEON. *Aust. Bird Watcher* 10(3):102-103. Sept. 1983. WR 193
[Melbourne Zoo, Parkville, Victoria 3052, Australia] *Leucosarcia melanoleuca.*

84-004754 Hitchcock, Ronald R. and Ralph E. Mirarchi. DURATION OF DEPENDENCE OF WILD FLEDGLING MOURNING DOVES UPON PARENTAL CARE. *J. Wildl. Manage.* 48(1):99-108. Jan. 1984. WR 193
[Dep. Zool.-Entomol., Ala. Agric. Res. Stn., Auburn Univ., Auburn 36849] *Zenaida macroura* in Alabama.

84-004755 Larner, YuLee R. GROUND DOVE IN AUGUSTA COUNTY. *Raven* 53(3):51-52. Sept. 1982. WR 193
[1020 W. Beverley St., Staunton, VA 24401] *Columbina passerina* in Virginia.

84-004756 Mortimer, J. A. REDISCOVERY OF THE TURTLE DOVE *STREPTOPELIA PICTURATA* ON COSMOLEDO ATOLL IN THE SEYCHELLES. *Ibis* 126(1):81-82. Jan. 1984. WR 193
[Zool. Dep., Univ. Fla., Gainesville 32611]

84-004757 Olsen, Klaus Malling. LICHTENSTEIN'S SANDGROUSE IN ISRAEL AND SINAI. *Dutch Birding* 5(2-3):75-76. June-Sept. 1983. In English. WR 193
[Harsdorffsvej 1A-3, 1874 Copenhagen V, Denmark] *Pterocles lichtensteinii.*

84-004758 Saari, Lennart. SPRING MIGRATION AND POPULATION GROWTH OF FINNISH TURTLE DOVES *STREPTOPELIA TURTUR*; A PRELIMINARY REPORT. *Ornis Fenn.* Suppl. 3. p. 85. 1983. WR 193
[SF-21150 Röölä, Finland]

84-004759 Stvolinskaya, N. S. and K. G. Gazaryan. GENOME INACTIVATION MECHANISMS IN BIRD ERYTHROCYTES. V. NUCLEAR RIBONUCLEOPROTEINS OF ERYTHROID CELLS IN THE PIGEON. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 11(2):77-84. Mar.-Apr. 1980. Translated from Ontogenez 11(2):130-137. Mar.-Apr. 1980. WR 193
[Inst. Molecular Genet., Acad. Sci., Moscow, USSR] *Columba livia.*

84-004760 Webster, Marcus David. TEMPERATURE AND HUMIDITY DYNAMICS OF CUTANEOUS AND RESPIRATORY EVAPORATION IN THE PIGEON, *COLUMBA LIVIA. Ph.D. dissertation, Wash. State Univ.* 68p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2086. Jan. 1984. WR 193

WATERBIRDS

84-004761 Abrams, R. W. and A. M. Griffiths. ECOLOGICAL STRUCTURE OF THE PELAGIC SEABIRD COMMUNITY IN THE BENGUELA CURRENT REGION. *Mar. Ecol. Prog. Ser.* 5:269-277. 1981. WR 193
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004762 Abrams, R. W. PELAGIC SEABIRDS AND TRAWL-FISHERIES IN THE SOUTHERN BENGUELA CURRENT REGION. *Mar. Ecol. Prog. Ser.* 11:151-156. 1983. WR 193
[FitzPatrick Inst., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004763 Broome, L. S. and P. J. Jarman. WATERBIRDS ON NATURAL AND ARTIFICIAL WATERBODIES IN THE NAMOI VALLEY, NEW SOUTH WALES. *Emu* 83(2):99-104. June 1983. WR 193
[Dep. Biol., Utah State Univ., UMC53, Logan 84322]

84-004764 Close, D. H.; J. M. Bonnin; M. H. Waterman and D. J. Connell. BREEDING WATERBIRDS ON THE SALT LAGOON ISLANDS, SOUTH AUSTRALIA. *Corella* 6(2):25-36. June 1982. WR 193
[30 Diosma Dr., Coromandel Valley, South Australia 5051, Australia] Data for 26 spp.

84-004765 de Roos, Gerlof Th. COUNTS OF WADERS AT SOME LOCALITIES IN TANZANIA. *Wader Study Group Bull.* No. 39. p. 62-63. Dec. 1983. WR 193
[Nat. Conserv. Dep., Agric. Univ., Dorpsstraat 198, 8899 AP Vlieland, Netherlands] Data for 12 spp.

84-004766 Furness, R. W. BREEDING WADERS IN EAST GERMANY. *Wader Study Group Bull.* No. 39. p. 61. Dec. 1983. WR 193
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland] Data for 10 spp.

84-004767 Górski, Wojciech; Bogdan Jakuczun and Ludwik Zmudzinski. NUMBERS AND PHENOLOGY OF OCCURRENCE OF WATER BIRDS ON WESTERN, MIDDLE AND EASTERN PARTS OF THE POLISH BALTIC COAST IN 1969-1979. *Ornis Fenn.* Suppl. 3. p. 89-91. 1983. WR 193
[Dep. Zool. & Dep. Ecol., Higher Pedagogical Coll., Arciszewskiego 22a, 76-200 Slupsk, Poland]

84-004768 Górski, Wojciech. SIGNIFICANCE OF THE COASTAL ZONE AND LAKES FOR WATER BIRDS IN THE MIDDLE PART OF THE POLISH BALTIC COAST. *Ornis Fenn.* Suppl. 3. p. 63-65. 1983. WR 193
[Dep. Zool., Biol. Inst., Arciszewskiego 22a, PL-76-200 Slupsk, Poland]

84-004769 Gromadzka, Jadwiga and Maciej Gromadzki. CHANGES IN WADER NUMBERS AT THE GULF OF GDANSK DURING THE AUTUMN MIGRATION; A METHODOLOGICAL APPROACH. *Ornis Fenn.* Suppl. 3. p. 56-58. 1983. WR 193
[Stacja Ornitol. IZ PAN, PL-80-680 Gdansk 40, Poland]

84-004770 Hernandez, F. CENSO INVERNAL DE AVES ACUATICAS EN LA PROVINCIA DE ZARAGOZA (ENERO-FEBRERO, 1983). [WINTER CENSUS OF WATER BIRDS IN THE PROVINCE OF ZARAGOZA (JANUARY-FEBRUARY, 1983).] *Bol. Estac. Cent. Ecol.* 12(23):69-75. 1983. In Spanish with English summ. WR 193

WATERBIRDS (CONTINUED)

84-004771 Hoffmann, Thilo W. THE 1983 MID-JANUARY DUCK (AND FLAMINGO) COUNT IN SRI LANKA. *Loris* 16(3):116-123. June 1983. WR 193

84-004772 Hume, R. A. REACTIONS OF WATERBIRDS TO SUDDEN TORRENTIAL RAIN OR HAIL. *Br. Birds* 77(1):20. Jan. 1984. WR 193
[41 Sandy Rd., Potton, Bedfordshire SG19 2QA, England]

84-004773 Kennedy, Paul and Andrew M. Paterson. APPARENT FEEDING ASSOCIATION BETWEEN GANNET AND CORY'S SHEARWATER. *Br. Birds* 76(12):573. Dec. 1983. WR 193
[80 High St., Barnstaple, Devon, England] *Sula bassana* and *Calonectris diomedea* in Spain.

84-004774 Laursen, Karsten; Iver Gram and John Frikke. NUMBERS AND DISTRIBUTION OF MIGRATORY GEESE, DUCKS AND WADERS AT A NEW DIKE IN THE DANISH WADDEN SEA. *Wader Study Group Bull.* No. 39. p. 50. Dec. 1983. Abstract only. WR 193
[Game Biol. Stn., Ronde, Denmark]

84-004775 Lloyd, C. S. A METHOD FOR ASSESSING THE RELATIVE IMPORTANCE OF SEABIRD BREEDING COLONIES. *Biol. Conserv.* 28(2):155-172. 1984. WR 193
[8 Franklin Ave., Athens, OH 45701]

84-004776 Mihál, Ivor. NIEKOL'KO NOVSÍCH POZNATKOV O VYSKYTE A HNIEZDENÍ NIEKTORYCH VODNYCH A PRI VODE ZIJÚCICH VTÁKOV V TATRANSKOM NÁRODNOM PARKU. [SOME NEW NOTIONS ABOUT OCCURRENCE AND NESTING OF WATER BIRDS AND NEAR-WATER BIRDS IN THE TATRA NATIONAL PARK.] *Cesk. Ochr. Prir.* 17:77-85. 1977. In Czech with Russian, German, and English summ. WR 193

84-004777 Morant, P. D.; R. K. Brooke and R. W. Abrams. RECOVERIES IN SOUTHERN AFRICA OF SEABIRDS BREEDING ELSEWHERE. *Ringing Migration* 4(5):257-268. Dec. 1983. WR 193
[12 Mutual Way, Bergvliet 7800, South Africa]

84-004778 Nuttall, P. A.; T. C. Kelly; D. Carey; S. R. Moss and K. A. Harrap. MIXED INFECTIONS WITH TICK-BORNE VIRUSES IN A SEABIRD COLONY IN EIRE. *Arch. Virol.* 79(1-2):35-44. 1984. WR 193
[Nat. Environ. Res. Council, Inst. Virol., Oxford, England] Data for 11 spp.

84-004779 Powers, K. D. and E. H. Backus. RELATIONSHIP OF MARINE BIRDS TO OCEANIC FRONTS OFF THE NORTHEASTERN UNITED STATES. TECHNICAL PROGRESS REPORT, APRIL-NOVEMBER 1981. *Manomet Bird Observatory, Mass.* 90p. Nov. 1981. From U.S. Government Reports 83(23):5615. 11 Nov. 1983. Available from NTIS as DE82005476. WR 193

WATERBIRDS (CONTINUED)

84-004780 Salmon, D. G., editor. WILDFOWL AND WADER COUNTS 1982-1983. THE RESULTS OF THE NATIONAL WILDFOWL COUNTS AND BIRDS OF ESTUARIES ENQUIRY. *The Wildfowl Trust, (Slimbridge)* 50p. 1983. WR 193
[The Wildfowl Trust, Slimbridge, Gloucester G12 7BT, England]

84-004781 Stinner, Deborah Hall. COLONIAL WADING BIRDS AND NUTRIENT CYCLING IN THE OKEFENOKEE SWAMP. *Ph.D. dissertation, Univ. Ga.* 143p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1339. Nov. 1983. WR 193

84-004782 Symonds, Fraser L. and Derek R. Langslow. MOVEMENTS OF WINTERING SHOREBIRDS WITHIN THE FIRTH OF FORTH: SPECIES DIFFERENCES IN USAGE OF AN INTERTIDAL COMPLEX. *Biol. Conserv.* 28(3):187-215. 1984. WR 193
[Nat. Conserv. Council, Godwin House, Huntingdon, PE18 6BU, England]

84-004783 Voisin, J.-F. OBSERVATIONS OF BIRDS AT SEA BETWEEN CAPE TOWN, TRISTAN DA CUNHA AND GOUGH ISLAND, OCTOBER-NOVEMBER 1977. *Cormorant* 11(1/2):24-34. Dec. 1983. WR 193
[Lab. Zool., Ecol. Normal. Supérieure, 46 rue d'Ulm, 75230 Paris Cedex 05, France]

WATERFOWL--GENERAL

84-004784 Anderson, William L. ILLINOIS WATERFOWL HARVEST, HUNTER ACTIVITY, AND ATTITUDES TOWARD SHOOTING HOURS, LEAD POISONING, AND STEEL SHOT IN 1981. *Ill. Dep. Conserv. Periodic Rep.* No. 39. 37p. 11 July 1983. WR 193

84-004785 Anderson, William L. and Thixton B. Miller. HUNTER OPINION OF BLIND DRAWING PROCEDURES AND HUNTING REGULATIONS ON PUBLIC WATERFOWL AREAS, 1980 AND 1981. *Ill. Dep. Conserv. Periodic Rep.* No. 24. 17p. 25 June 1982. WR 193

84-004786 Anderson, William L. and Thixton B. Miller. HUNTER OPINION OF BLIND DRAWING PROCEDURES AND HUNTING REGULATIONS ON PUBLIC WATERFOWL AREAS ON ILLINOIS. *Ill. Dep. Conserv. Periodic Rep.* No. 31. 19p. 5 Nov. 1981. WR 193

84-004787 Borowiec, Marta; Tadeusz Stawarczyk and Józef Witkowski. PRÓBA USCISLENIA METOD OCENY LICZEBNOSCI PTAKÓW WODNYCH. [ATTEMPT OF GIVING OF MORE EXACT METHODS OF WATERFOWL QUANTITY ESTIMATION.] *Notatki Ornitol.* 22(1-2):47-61. 1981. In Polish with English summ. WR 193
[Zaklad Ekol. Ptaków, Inst. Zool. UWr., ul. Sienkiewicza 21, 50-335 Wroclaw, Poland]

84-004788 Carney, Samuel M.; Michael F. Sorensen and Elwood M. Martin. DISTRIBUTION OF WATERFOWL SPECIES HARVESTED IN STATES AND COUNTIES DURING 1971-80 HUNTING SEASONS. *U.S. Fish Wildl. Serv. Spec. Sci. Rep.--Wildl.* No. 254. 114p. 1983. WR 193
[U.S. Fish & Wildl. Serv., Off. Migratory Bird Manage., Laurel, MD 20708]

84-004789 Feierabend, J. Scott. STEEL SHOT AND LEAD POISONING IN WATERFOWL. *Natl. Wildl. Fed. Sci. Tech. Ser.* No. 8. ii + [72p.] 1983. Price $4.95. WR 193
[Natl. Wildl. Fed., 1412 Sixteenth St., N.W., Washington, DC 20036] Ninety-seven articles are annotated.

84-004790 Gajadhar, A. A.; R. J. Cawthorn; Gary A. Wobeser and P. H. G. Stockdale. PREVALENCE OF RENAL COCCIDIA IN WILD WATERFOWL IN SASKATCHEWAN. *Can. J. Zool.* 61(11):2631-2633. Nov. 1983. In English with French summ. WR 193
[Dep. Vet. Microbiol., Western Coll. Vet. Med., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0]

84-004791 Gough, R. E. LABORATORY CONFIRMED OUTBREAKS OF DUCK VIRUS ENTERITIS (DUCK PLAGUE) IN THE UNITED KINGDOM FROM 1977 TO 1982. *Vet. Rec.* 114(11):262-265. 17 Mar. 1984. WR 193
[Cent. Vet. Lab., New Haw, Weybridge, Surrey, England]

84-004792 Heitmeyer, Mickey E. and Paul A. Vohs, Jr. DISTRIBUTION AND HABITAT USE OF WATERFOWL WINTERING IN OKLAHOMA. *J. Wildl. Manage.* 48(1):51-62. Jan. 1984. WR 193
[Gaylord Mem. Lab., Puxico, MO 63960]

84-004793 Howey, P.; R. G. Board; D. H. Davis and Janet Kear. THE MICROCLIMATE OF THE NESTS OF WATERFOWL. *Ibis* 126(1):16-32. Jan. 1984. WR 193
[School Biol. Sci., Univ. Bath, Claverton Down, Bath, Avon, BA2 7AY, England]

84-004794 Johnson, D. N. CONSTRUCTING DAMS FOR WATERFOWL. *Wildl. Manage. Tech. Guides Farmers (South Africa)* No. 2. 4p. Feb. 1983. In English and Afrikaans. WR 193
[Natal Parks Board, P.O. Box 662, Pietermartizburg, 3200 South Africa]

84-004795 Johnson, Fred A. and Frank Montalbano III. SELECTION OF PLANT COMMUNITIES BY WINTERING WATERFOWL ON LAKE OKEECHOBEE, FLORIDA. *J. Wildl. Manage.* 48(1):174-178. Jan. 1984. WR 193
[Game & Fresh Water Fish Comm., 3991 SE 27th Court, Okeechobee, FL 33472]

84-004796 Lampio, Teppo. WATERFOWL HUNTING IN EUROPE, NORTH AMERICA AND SOME AFRICAN AND ASIAN COUNTRIES IN 1980-81. *Finn. Game Res.* 40:3-35. 1983. WR 193
[Finn. Game & Fish. Res. Inst., Game Div., Pitkänsillanranta 3 A, SF-00530 Helsinki 53, Finland]

84-004797 Molina Vicente, P.; A. Clavera Aner; B. Ceballos Vazquez and P. Pereira Sieso. CENSO INVERNAL DE ANATIDAS Y FOCHAS EN LA «MANCHA HUMEDA» 1983. [WINTER CENSUS OF ANATIDS AND COOTS IN LA MANCHA HUMEDA, 1983.] *Bol. Estac. Cent. Ecol.* 12(23):63-68. 1983. In Spanish with English summ. WR 193

WATERFOWL--GENERAL (CONTINUED)

84-004798 Ogilvie, M. A. and G. L. Atkinson-Willes. WILDFOWL OF THE INNER HEBRIDES. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:491-504. 1983. WR 193
[The Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England]

84-004799 Ogilvie, M. A. WILDFOWL OF ISLAY. *Proc. R. Soc. Edinburgh Sect. B (Biol. Sci.)* 83:473-489. 1983. WR 193
[The Wildfowl Trust, Slimbridge, Gloucester GL2 7BT, England]

84-004800 Prip, Mogens; Birthe Jylling; Jørgen Flensburg and Buchardt Bloch. AN OUTBREAK OF DUCK VIRUS ENTERITIS AMONG DUCKS AND GEESE IN DENMARK. *Nord. Veterinaermed.* 35(11):385-396. 1983. In English with Norwegian summ. WR 193
[Inst. Poult. Dis., Bülowsvej 13, DK-1870 Copenhagen, Denmark]

84-004801 Roetker, Fred and William L. Anderson. HUNTER USE AND HARVEST ON PUBLIC WATERFOWL AREAS DURING 1976. *Ill. Dep. Conserv. Periodic Rep.* No. 17. 8p. 4 May 1977. WR 193

84-004802 Rowe, Richard A. COMPARATIVE PREENING BEHAVIOR OF WILD-CAUGHT CANADA GEESE AND MALLARDS. *Wilson Bull.* 95(4):690-694. Dec. 1983. WR 193
[Museum, Mich. State Univ., East Lansing 48824] *Branta canadensis* and *Anas platyrhynchos*.

84-004803 Schricke, Vincent. PHÉNOLOGIE DU STATIONNEMENT DES ANATIDÉS EN BAIE DU MONT SAINT-MICHEL. [THE SEASONAL VARIATIONS OF THE NUMBERS OF WATERFOWL USING MONT-SAINT-MICHEL BAY.] *Alauda* 52(1):1-30. 1984. In French with English summ. WR 193
[Lab. Evol. Syst. Nat., Mus. Natl. Hist. Nat., 36 rue Geoffroy Saint-Hilaire, 75005 Paris, France]

84-004804 Siira, Jouko and Olavi Eskelinen. WATERFOWL NESTING IN THE LIMINKA BAY IN 1954-78. COMPARISON BY AREA. *Finn. Game Res.* 40:83-103. 1983. WR 193
[Dep. Biol., Univ. Joensuu, P.O. Box 111, SF-80101 Joensuu 10, Finland]

84-004805 Siira, Jouko and Olavi Eskelinen. CHANGES IN THE ABUNDANCE OF BREEDING WATERFOWL IN THE LIMINKA BAY IN 1954-81. *Finn. Game Res.* 40:105-121. 1983. WR 193
[Dep. Biol., Univ. Joensuu, P.O. Box 111, SF-80101 Joensuu 10, Finland]

84-004806 Stewart, Robert E., Jr. FOREST, WETLANDS AND WATERFOWL POPULATIONS IN THE TURTLE MOUNTAINS OF NORTH DAKOTA AND MANITOBA. *N.D. Water Resour. Res. Inst., Fargo* 221p. Jan. 1983. From U.S. Government Reports 83(19):4604. 16 Sept. 1983. Available from NTIS as PB83-212290. WR 193

84-004807 Strawinski, Stefan. WINTERING OF WATERFOWL ON THE GULF OF GDANSK. *Ornis Fenn.* Suppl. 3. p. 66-68. 1983. WR 193
[Univ. Gdansk, Dep. Vertebr. Zool. & Ecol., Czolgistów 46, PL 81-378 Gdynia, Poland]

WATERFOWL--GENERAL (CONTINUED)

84-004808 Tait, Rick. WATERFOWL BANDING ON AMHERST ISLAND. *Ont. Bird Banding* 15(3):22-23. Dec. 1982. WR 193
[P.O. Box 831, Kingston, Ontario, Canada K7L 4X6]

84-004809 Thornburg, Dennis and Bridgett Estel. WATERFOWL HARVEST AND HUNTER USE A REND LAKE DURING THE 1980 AND 1981 SEASONS. *Ill. Dep. Conserv. Periodic Rep.* No. 41. 13p. June 1983. WR 193

84-004810 Thornburg, Dennis D. and Bridgett L. Estel. WATERFOWL HARVEST AND HUNTER USE AT REND LAKE DURING THE 1982 WATERFOWL SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 43. 15p. Aug. 1983. WR 193

84-004811 Thornburg, Dennis. WATERFOWL HARVEST AND HUNTER USE AT REND LAKE DURING THE 1979 SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 29. 10p. 28 Aug. 1980. WR 193

DUCKS

84-004812 Abbott, Jackson M. FULVOUS WHISTLING-DUCKS IN FAIRFAX COUNTY, VIRGINIA. *Raven* 53(3):50. Sept. 1982. WR 193
[8501 Doter Dr., Alexandria, VA 22308] *Dendrocygna bicolor*.

84-004813 Anderson, David R. and Kenneth P. Burnham. POPULATION REGULATION AND LIMITATION IN THE MALLARD: THE EFFECT OF HUNTING ON ANNUAL SURVIVAL. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 1-13. Sept. 1983. WR 193
[Coop. Wildl. Res. Unit, Logan, UT 83422] *Anas platyrhynchos*.

84-004814 Anderson, William L. EVALUATION OF EXPERIMENTAL ZONING FOR DUCK HUNTING IN ILLINOIS, 1980-1982. *Ill. Dep. Conserv. Periodic Rep.* No. 44. 39p. 28 Nov. 1983. WR 193

84-004815 Anderson, William L. EVALUATION OF EXPERIMENTAL ZONING FOR DUCK HUNTING IN ILLINOIS IN 1980. *Ill. Dep. Conserv. Periodic Rep.* No. 33. 37p. 5 Nov. 1981. WR 193

84-004816 Anderson, William L. and William F. Nichols. EFFECTIVENESS OF SELECTED 12 GAUGE SHELLS FOR DISPATCHING CRIPPLED DUCKS. *Ill. Dep. Conserv. Periodic Rep.* No. 32. 13p. 5 Nov. 1981. WR 193

84-004817 Baillie, Stephen R. and Henry Milne. DO FORVIE EIDERS REAR ENOUGH DUCKLINGS TO MAINTAIN THEIR NUMBERS? *Wader Study Group Bull.* No. 39. p. 46. Dec. 1983. Abstract only. WR 193
[BTO, Beech Grove, Tring, Herts HP23 5NR, England] *Somateria mollissima* in Great Britain.

84-004818 Baldassarre, Guy A. and Eric G. Bolen. FIELD-FEEDING ECOLOGY OF WATERFOWL WINTERING ON THE SOUTHERN HIGH PLAINS OF TEXAS. *J. Wildl. Manage.* 48(1):63-71. Jan. 1984. WR 193
[Dep. Zool. & Entomol., Auburn Univ., Auburn, AL 36830]

DUCKS (CONTINUED)

84-004819 Bottjer, Peter Diedrich. SYSTEMATIC RELATIONSHIPS AMONG THE ANATIDAE: AN IMMUNOLOGICAL STUDY: WITH A HISTORY OF ANATID CLASSIFICATION, AND A SYSTEM OF CLASSIFICATION. *Ph.D. dissertation, Yale Univ.* 337p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2676. Mar. 1984. WR 193

84-004820 Bouffard, Stephen H. CANVASBACK AND REDHEAD PRODUCTIVITY AT RUBY LAKE NATIONAL WILDLIFE REFUGE. *Cal-Neva Wildl. Trans.* 1983:84-90. 1983. WR 193
[U.S. Fish & Wildl. Serv., Ruby Lake Natl. Wildl. Refuge, Ruby Valley, NV 89833] *Aythya valisineria* and *A. americana* in Nevada.

84-004821 Briggs, S. V.; B. K. Brown; M. T. Maher; J. G. Brickhill and R. T. Kingsford. MORTALITY OF MANED DUCK AND GREY TEAL DURING THE 1982 OPEN SEASON AT BARRENBOX SWAMP, N.S.W. *Aust. Wildl. Res.* 10(3):537-541. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, P.O. Box 84, Lyneham, A.C.T. 2602, Australia]

84-004822 Brisbin, I. Lehr, Jr. REPRODUCTIVE POTENCY OF AN AGED MALE WOOD DUCK. *Oriole* 47(1/2):15-16. Mar.-June 1982. WR 193
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801] *Aix sponsa*.

84-004823 Brisse, Patrick. SPRING SIGHTING OF WHITE-WINGED SCOTER IN HALL COUNTY. *Oriole* 47(1/2):17. Mar.-June 1982. WR 193
[634½ Wilson Rd., Atlanta, GA 30318] *Melanitta fusca* in Georgia.

84-004824 Burnham, Kenneth P. and David R. Anderson. TESTS OF COMPENSATORY VS. ADDITIVE HYPOTHESES OF MORTALITY IN MALLARDS. *Ecology* 65(1):105-112. Feb. 1984. WR 193
[U.S. Fish & Wildl. Serv., Fort Collins, CO 80526] *Anas platyrhynchos*.

84-004825 Campbell, L. H. THE IMPACT OF CHANGES IN SEWAGE TREATMENT ON SEADUCKS WINTERING IN THE FIRTH OF FORTH, SCOTLAND. *Biol. Conserv.* 28(2):173-180. 1984. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire, SG19 2DL, England] *Aythya marila*, *Bucephala clangula*, *Somateria mollissima*, *Clangula hyemalis* and *Melanitta nigra*.

84-004826 Chandler, John P. LIGHT AND ELECTRON MICROSCOPIC STUDIES OF THE BASILAR PAPILLA IN THE DUCK, *ANAS PLATYRHYNCHOS*. II. EMBRYONIC DEVELOPMENT. *J. Comp. Neurol.* 222(4):523-542. 1 Feb. 1984. WR 193
[Dep. Anat., Univ. Utah School Med., Salt Lake City 84132]

84-004827 Chandler, John P. LIGHT AND ELECTRON MICROSCOPIC STUDIES OF THE BASILAR PAPILLA IN THE DUCK, *ANAS PLATYRHYNCHOS*. I. THE HATCHLING. *J. Comp. Neurol.* 222(4):506-522. 1 Feb. 1984. WR 193
[Dep. Anat., Univ. Utah School Med., Salt Lake City 84132]

84-004828 Conroy, Michael J. and Warren W. Blandin. GEOGRAPHIC AND TEMPORAL DIFFERENCES IN BAND REPORTING RATES FOR AMERICAN BLACK DUCKS. *J. Wildl. Manage.* 48(1):23-36. Jan. 1984. WR 193

DUCKS (CONTINUED)

84-004828 CONTINUED
[Sect. Migratory Game Bird Res., Patuxent Wildl. Res. Cent., Laurel, MD 20708]

84-004829 Cooch, F. G. and H. Boyd. CHANGES IN THE NET EXPORT OF MALLARD FROM WESTERN CANADA AND THE CONTIGUOUS US, 1972-82. *Can. Wildl. Serv. Progress Notes* No. 142. 27p. Feb. 1984. WR 193
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7] *Anas platyrhynchos*.

84-004830 Costanzo, G. R.; T. T. Fendley and John R. Sweeney. WINTER MOVEMENT AND HABITAT USE BY WOOD DUCKS IN SOUTH CAROLINA. *Bull. S.C. Acad. Sci.* 43:76. 1981. Abstract only. WR 193
Aix sponsa in South Carolina.

84-004831 Drobney, Ronald D. EFFECT OF DIET ON VISCERAL MORPHOLOGY OF BREEDING WOOD DUCKS. *Auk* 101(1):93-98. Jan. 1984. WR 193
[Cent. Environ. & Estuarine Studies, Appalachian Environ. Lab., Univ. Md., Frostburg 21532] *Aix sponsa* in Missouri.

84-004832 Duebbert, Harold F. and Anthony M. Frank. VALUE OF PRAIRIE WETLANDS TO DUCK BROODS. *Wildl. Soc. Bull.* 12(1):27-34. 1984. WR 193
[U.S. Fish & Wildl. Serv., North. Prairie Wildl. Res. Cent., Jamestown, ND 58401] Data for 14 spp.

84-004833 Duncan, David C. EXTENSIVE OVERLAND MOVEMENT OF PINTAIL, *ANAS ACUTA*, BROOD AND ATTEMPTED PREDATION BY HAWKS. *Can. Field-Nat.* 97(2):216-217. Apr.-June 1983. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

84-004834 Edgell, Michael C. R. TRANS-HEMISPHERIC MOVEMENTS OF HOLARCTIC ANATIDAE: THE EURASIAN WIGEON (*ANAS PENELOPE* L.) IN NORTH AMERICA. *J. Biogeogr.* 11(1):27-39. Jan. 1984. WR 193
[Dep. Geogr., Univ. Victoria, Victoria, British Columbia, Canada V8W 2Y2]

84-004835 Englert, John and Benoni H. Seghers. PREDATION BY FISH AND COMMON MERGANSERS ON DARTERS (PISCES: PERCIDAE) IN THE THAMES RIVER WATERSHED OF SOUTHWESTERN ONTARIO. *Can. Field-Nat.* 97(2):218-219. Apr.-June 1983. WR 193
[MacLaren Plansearch Corp., Suite 401-750, West Pender St., Vancouver, British Columbia, Canada V6C 2T7]

84-004836 Evrard, James O. GADWALL DUCK INTRODUCTION IN NORTHWESTERN WISCONSIN. *Trans. Wis. Acad. Sci. Arts Lett.* 71(2):57-59. 1983. WR 193
[Dep. Nat. Resour., Box 61, Baldwin, WI 54002] *Anas strepera*.

84-004837 Fendley, T. T.; M. A. Griffith and O. E. Baker III. FIVE-GALLON PLASTIC BUCKETS AS WOOD DUCK NESTING STRUCTURES. *Bull. S.C. Acad. Sci.* 42:87. 1980. Abstract only. WR 193
Aix sponsa in South Carolina.

DUCKS (CONTINUED)

84-004838 Finch, Brian W. WHITE-EYED DUCK (*AYTHYA AUSTRALIS*) NESTING AT KANOSIA LAGOON (CENTRAL PROVINCE) - A NEW BREEDING SPECIES FOR PAPUA NEW GUINEA. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 9. July-Aug. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004839 Franzmann, Niels-Erik. THE MIGRATION AND SURVIVAL OF AN EIDER *SOMATERIA M. MOLLISSIMA* POPULATION IN THE SOUTHERN BALTIC. *Ornis Fenn.* Suppl. 3. p. 73-74. 1983. WR 193
[Game Biol. Stn., Kalø, DK-8410 Rønde, Denmark]

84-004840 Gassner, Dieter. THE SODIUM PUMP OF THE AVIAN SALT GLAND: A BIOCHEMICAL AND ULTRASTRUCTURAL STUDY. *Verh. Dtsch. Zool. Ges.* 76:244. 1983. English abstract only. WR 193
[Inst. Cytol., Univ. Bonn, Ulrich-Haberland-Str. 61a, D-5300 Bonn, West Germany] *Anas platyrhynchos*.

84-004841 Gudmundsson, Jón. AEDUR Á ENGUM EGGJUM. [EIDER *SOMATERIA MOLLISSIMA* ATTENDING AN EMPTY NEST.] *Bliki* 2:66. Dec. 1983. In Icelandic with English summ. WR 193

84-004842 Guthery, Fred S.; Susan M. Obenberger and Fred A. Stormer. PREDICTORS OF SITE USE BY DUCKS ON THE TEXAS HIGH PLAINS. *Wildl. Soc. Bull.* 12(1):35-40. 1984. WR 193
[Caesar Kleberg Wildl. Res. Inst., Tex. A&I Univ., Kingsville 78363]

84-004843 Haddon, Malcolm. A RE-ANALYSIS OF HYBRIDIZATION BETWEEN MALLARDS AND GREY DUCKS IN NEW ZEALAND. *Auk* 101(1):190-191. Jan. 1984. WR 193
[13 Fairmile, Aylesbury, Buckinghamshire, HP21 7JT England] *Anas platyrhynchos* and *A. superciliosa superciliosa*.

84-004844 Haila, Yrjö. DELAYED AUTUMN MIGRATION OF WATERFOWL IN THE NORTHERN BALTIC. *Ornis Fenn.* Suppl. 3. p. 41-43. 1983. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] *Anas platyrhynchos*, *Clangula hyemalis*, and *Mergus merganser*.

84-004845 Hario, Martti. HAAHKANAARAAN HAUDONTA-AIKAINEN PAINONKEHITYS. [WEIGHT LOSS OF INCUBATING FEMALE EIDERS.] *Suomen Riista* 30:28-33. 1983. In Finnish with English summ. WR 193
[Game & Fish. Res. Inst., Pitkänsillaranta 3A, SF-00530 Helsinki 53, Finland] *Somateria mollissima* in Finland.

84-004846 Hepp, Gary R. and Jay D. Hair. REPRODUCTIVE BEHAVIOR AND PAIRING CHRONOLOGY IN WINTERING DABBLING DUCKS. *Wilson Bull.* 95(4):675-682. Dec. 1983. WR 193
[Dep. Zool., P.O. Box 5577, N.C. State Univ., Raleigh 27650] Data for 6 spp. in North Carolina.

DUCKS (CONTINUED)

84-004847 Heubeck, Martin. SURVEY OF EIDER *SOMATERIA MOLLISSIMA* MOULT FLOCKS IN SHETLAND, AUGUST/SEPTEMBER 1981. *Shetland Oil Terminal Environ. Advisory Group (Aberdeen, Scotland)* 15p. 1982. From U.S. Government Reports 83(25):6226. 9 Dec. 1983. Available from NTIS as PB83-254516. WR 193

84-004848 Hickey, T. Earle and Rodger D. Titman. DIURNAL ACTIVITY BUDGETS OF BLACK DUCKS DURING THEIR ANNUAL CYCLE IN PRINCE EDWARD ISLAND. *Can. J. Zool.* 61(4):743-749. Apr. 1983. In English with French summ. WR 193
[Hardy Assoc. (1978) Ltd., 900 Windmill Rd., Dartmouth, Nova Scotia, Canada B3B 1P7]

84-004849 Hill, D. A. POPULATION REGULATION IN THE MALLARD *(ANAS PLATYRHYNCHOS)*. *J. Anim. Ecol.* 53(1):191-202. Feb. 1984. WR 193
[The Game Conservancy, Fordingbridge, Hampshire SP6 1EF, England]

84-004850 Hines, James E. and George J. Mitchell. BREEDING ECOLOGY OF THE GADWALL AT WATERHEN MARSH, SASKATCHEWAN. *Can. J. Zool.* 61(7):1532-1539. July 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9] *Anas strepera.*

84-004851 Hoffman, Robert Dale. TRUE METABOLIZABLE ENERGY OF SEEDS CONSUMED BY POSTBREEDING DUCKS IN LAKE ERIE MARSHES. *Ph.D. dissertation, Ohio State Univ.* 98p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1745. Dec. 1983. WR 193

84-004852 Itoh, Hiroshi; Yutaka Yoshida and Kenji Ichinoe. EFFECT OF THE PHOTOPERIOD ON OVIPOSITION PATTERNS IN DUCKS. *J. Agric. Sci. Tokyo Nogyo Daigaku* 28(2):186-192. Nov. 1983. In English with Japanese summ. WR 193
[Anim. Husbandry Sect., Exp. Farm, Tokyo Univ. Agric., Tokyo, Japan]

84-004853 Johnson, S. R. ADAPTATIONS OF THE OLDSQUAW DUCK (*CLANGULA HYEMALIS*) DURING THE MOLT PERIOD IN ALASKAN BEAUFORT SEA LAGOONS. *Proc. Alaska Sci. Conf.* 33:14. Sept. 1982. Abstract only. WR 193
[LGL Alaska Res. Assoc., Inc., P.O. Box 80607, Fairbanks 99708]

84-004854 Kaminski, Richard M. and Harold H. Prince. DABBLING DUCK-HABITAT ASSOCIATIONS DURING SPRING IN DELTA MARSH, MANITOBA. *J. Wildl. Manage.* 48(1):37-50. Jan. 1984. WR 193
[Dep. Wildl. & Fish., P.O. Drawer LW, Miss. State Univ., Mississippi State 39762] Data for 5 spp.

84-004855 Kauppinen, Jukka. METHODS USED IN THE CENSUS OF BREEDING DUCKS IN NORTHERN SAVO (FINLAND) AT THE BEGINNING OF THE BREEDING SEASON. *Finn. Game Res.* 40:49-81. WR 193
[Närevaara, SF-77600 Suonenjoki, Finland]

84-004856 Kullapere, Arvo. RECENT CHANGES IN THE POPULATION OF THE COMMON EIDER *SOMATERIA MOLLISSIMA* IN THE EASTERN BALTIC AREA. *Ornis Fenn.* Suppl. 3. p. 75-76. 1983. WR 193
[Vilsandi State Nat. Reserve, SU-203190 Estonian SSR, USSR]

DUCKS (CONTINUED)

84-004857 Kumari, Erik. CHARACTERISTICS OF SEADUCK MOVEMENTS IN THE BALTIC. *Ornis Fenn.* Suppl. 3. p. 39-40. 1983. WR 193
[Inst. Zool. & Bot., 21 Vanemuise, SU-202400 Tartu, Estonian SSR, USSR] Data for 8 spp.

84-004858 Lightbody, Jill P. and C. Davison Ankney. SEASONAL INFLUENCE ON THE STRATEGIES OF GROWTH AND DEVELOPMENT OF CANVASBACK AND LESSER SCAUP DUCKLINGS. *Auk* 101(1):121-133. Jan. 1984. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Aythya valisineria* and *A. affinis*.

84-004859 Maran, Jalde. ON THE MOULT MIGRATION AND MOULT OF DIVING DUCKS ON THE NORTH ESTONIAN COAST. *Ornis Fenn.* Suppl. 3. p. 46-47. 1983. WR 193
[Pioneeri 12-1, Märjamaa, Estonian SSR, USSR]

84-004860 Martin, Elwood M. A 1977 RECORD OF A BLACK-BELLIED WHISTLING DUCK FROM LEE COUNTY, S.C., COMES TO LIGHT. *Chat* 48(1):14. 1984. WR 193
[U.S. Fish & Wildl. Serv., Off. Migratory Bird Manage., Laurel, MD 20708] *Dendrocygna autumnalis*.

84-004861 Matulich, Scott C.; Jeffrey E. Hanson and Ivan Lines. A BREEDING MALLARD (*ANAS PLATYRHYNCHOS*) HABITAT SUITABILITY MODEL. *Wash. State Univ. Dep. Agric. Econ. Rep.* No. 54. 67p. Nov. 1983. WR 193

84-004862 McMaster, Brian Alan. THE FUNCTIONAL ANATOMY OF THE LEG OF THE NORTHERN PINTAIL *(ANAS ACUTA). Ph.D. dissertation, Ill. State Univ.* 226p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2629. Mar. 1984. WR 193

84-004863 Merilä, Eino and Pentti Vikberg. TUKKASOTKANAARAS PALASI HAUTOMAAN PESÄÄ, JOSTA POIKASET OLIVAT LÄHTENEET. [TUFTED DUCK RETURNING TO BROOD IN NEST AFTER DEPARTURE OF DUCKLINGS.] *Ornis Fenn.* 60(3):90-91. 1983. In Finnish with English summ. WR 193
[Itäkangastie 12 A 4, SF-90500 Oulu 50, Finland] *Aythya fuligula* in Finland.

84-004864 Milsom, William K.; David R. Jones and Geoffrey R. J. Gabbott. EFFECTS OF CHANGES IN PERIPHERAL AND CENTRAL P(CO2) ON VENTILATION DURING RECOVERY FROM SUBMERGENCE IN DUCKS. *Can. J. Zool.* 61(11):2388-2393. Nov. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. British Columbia, Vancouver, British Columbia, Canada V6T 2A9]

84-004865 Molina Vicente, P. CRIA EN CAUTIVIDAD DE LA MALVASIA (*OXYURA LEUCOCEPHALA*) EN EL PARQUE NACIONAL DE LAS TABLAS DE DAIMIEL. [CAPTIVE BREEDING OF THE WHITE-HEADED DUCK (*OXYURA LEUCOCEPHALA*) IN THE LAS TABLAS DE DAIMIEL NATIONAL PARK.] *Bol. Estac. Cent. Ecol.* 12(23):57-62. 1983. In Spanish with English summ. WR 193

84-004866 Myong Sok, O. WIEDERENTDECKUNG DER SCHOPFKASARKA, *TADORNA CRISTATA*, IN DER KOREANISCHEN DEMOKRATISCHEN VOLKSREPUBLIK. [REDISCOVERY OF THE CRESTED SHELDUCK, *TADORNA CRISTATA*, IN THE DEMOCRATIC PEOPLES'

DUCKS (CONTINUED)

84-004866 CONTINUED REPUBLIC OF KOREA.] *J. Ornithol.* 125(1):102-103. 1984. In German with Korean and English summ. WR 193
[Secretary Soc. Anim. Conserv. Pyongyang, Democratic Peoples' Republic of Korea]

84-004867 Nehls, Hans Wolfgang. THE SHELDUCK *TADORNA TADORNA* PROJECT OF THE ZOOLOGICAL GARDEN ROSTOCK--ARTIFICIAL POPULATION ENLARGEMENT AND MIGRATION OF RELEASED BIRDS. *Ornis Fenn.* Suppl. 3. p. 77-78. 1983. WR 193
[Zool. Garden Rostock, DDR-25 Rostock, East Germany]

84-004868 Norman, F. I. EGGS, EGG-LAYING AND INCUBATION IN THE CHESTNUT TEAL. *Emu* 82(4):195-198. Dec. 1982. WR 193
[Arthur Rylah Inst. Environ. Res., Fish. & Wildl. Div., 123 Brown St., Heidelberg, Victoria 3084, Australia] *Anas castanea* in Australia.

84-004869 Nowak, Eugeniusz. ÜBER DAS VERMUTLICHE BRUT- UND ÜBERWINTERUNGSGEBIET DER SCHOPFKASARKA, *TADORNA CRISTATA*. [ON THE PRESUMABLE BREEDING AND WINTERING RANGE OF THE CRESTED SHELDUCK, *TADORNA CRISTATA*.] *J. Ornithol.* 125(1):103-105. 1983. In German with English summ. WR 193
[Konstantinstr. 110 (BFANL), 5300 Bonn 2, West Germany]

84-004870 Nudds, Thomas D. VARIATION IN RICHNESS, EVENNESS, AND DIVERSITY IN DIVING AND DABBLING DUCK GUILDS IN PRAIRIE POTHOLE HABITATS. *Can. J. Zool.* 61(7):1547-1550. July 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-004871 Numachi, Ken-ichi; Masayoshi Watada; Ryozo Kakizawa; Nagahisa Kuroda and Seiitiro Utida. EVOLUTIONARY GENETICS OF THE ANATIDAE. *Tori* 32(2/3):63-74. Oct. 1983. In English with Japanese summ. WR 193
[Otsuchi Mar. Res. Cent., Ocean Res. Inst., Univ. Tokyo, Akahama, Otsuchi, Iwate 028-11, Japan]

84-004872 Randla, Tiit. SOME STATISTICS ON SHOOTING OF ANATIDS IN ESTONIA. *Ornis Fenn.* Suppl. 3. p. 109. 1983. WR 193
[Kuristiku 7, SU-200010 Tallin, Estonian SSR, USSR]

84-004873 Roberts, Donald. FIELD COUNTS OF PLUMED WHISTLING-DUCK IN THE LOWER GOULBURN VALLEY, VICTORIA. *Aust. Bird Watcher* 10(3):101-102. Sept. 1983. WR 193
[24 McFarlane Rd., Mooroopna, Victoria 3629, Australia] *Dendrocygna eytoni* in Australia.

84-004874 Ross, R. Kenyon. AN ESTIMATE OF THE BLACK SCOTER, *MELANITTA NIGRA*, POPULATION MOULTING IN JAMES AND HUDSON BAYS. *Can. Field-Nat.* 97(2):147-150. Apr.-June 1983. WR 193
[Canadian Wildl. Serv., 1725 Woodward Dr., Ottawa, Ontario, Canada K1A 0E7]

84-004875 Schmidt, Günther A. J. THE MOULT MIGRATION OF THE COMMON EIDER *SOMATERIA MOLLISSIMA* ACROSS SCHLESWIG-HOLSTEIN TOWARDS THE NORTH SEA. *Ornis Fenn.* Suppl. 3. p. 48-50. 1983. WR 193
[Petersburger Weg 27, D-23 Kiel 1, West Germany]

DUCKS (CONTINUED)

84-004876 Schmutz, Josef K.; Raleigh J. Robertson and Fred Cooke. COLONIAL NESTING OF THE HUDSON BAY EIDER DUCK. *Can. J. Zool.* 61(11):2424-2433. Nov. 1983. In English with French summ. WR 193
[Dep. Biol., Univ. Saskatchewan, Saskatoon, Saskatchewan, Canada S7N 0W0] *Somateria mollissima sedentaria* in Canada.

84-004877 Schneider, Dean. A FIRST OLDSQUAW (*CLANGULA HYEMALIS*) RECORD FOR MOWER COUNTY. *Loon* 55(4):182-183. 1983. WR 193
[301 First Ave., NW, Austin, MN 55912]

84-004878 Tabatabai, Farrokh R.; James A. Huggins and Richard A. Smith. MALLARD FOOD HABITS IN WESTERN TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):24-26. Jan.-Apr. 1983. WR 193
[Memphis State Univ., Memphis, TN 38152] *Anas platyrhynchos*.

84-004879 Thorstensen, Sverrir. HÚSENDUR VESTAN FLJÓTSHEIDAR Í S-THINGEYJARSYSLU. [BREEDING LOCALITIES OF BARROW'S GOLDENEYE *BUCEPHALA ISLANDICA* WEST OF FLJÓTSHEIDI, N.-ICELAND.] *Bliki* 2:44-47. Dec. 1983. In Icelandic with English summ. WR 193
[Stórutjarnaskóla, 645 Fosshóll, Iceland]

84-004880 Titman, Rodger D. SPACING AND THREE-BIRD FLIGHTS OF MALLARDS BREEDING IN POTHOLE HABITAT. *Can. J. Zool.* 61(4):839-847. Apr. 1983. In English with French summ. WR 193
[Dep. Renewable Resour., Macdonald Campus, McGill Univ., Ste. Anne de Bellvue, Quebec, Canada H9X 1C0]

84-004881 Toft, Catherine A.; David L. Trauger and Horatio W. Murdy. SEASONAL DECLINE IN BROOD SIZES OF SYMPATRIC WATERFOWL (*ANAS* AND *AYTHYA*, ANATIDAE) AND A PROPOSED EVOLUTIONARY EXPLANATION. *J. Anim. Ecol.* 53(1):75-92. Feb. 1984. WR 193
[Dep. Zool., Univ. Calif., Davis 95616] *Anas platyrhynchos, A. americana, A. crecca carolinensis, Aythya affinis*, and *A. collaris* in Canada.

84-004882 Vickery, William L. and Thomas D. Nudds. DETECTION OF DENSITY-DEPENDENT EFFECTS IN ANNUAL DUCK CENSUSES. *Ecology* 65(1):96-104. Feb. 1984. WR 193
[Dep. Sci. Biol., Univ. Québec Montréal, C.P. 8888, Succ. "A", Montréal, Québec, Canada H3C 3P8]

84-004883 Whyte, Richard John. WINTER CONDITION OF MALLARDS ON THE SOUTHERN HIGH PLAINS OF TEXAS. *Ph.D. dissertation, Tex. Tech Univ.* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2299. Feb. 1984. WR 193
Anas platyrhynchos.

84-004884 Wishart, Richard A. PAIRING CHRONOLOGY AND MATE SELECTION IN THE AMERICAN WIGEON (*ANAS AMERICANA*). *Can. J. Zool.* 61(8):1733-1743. Aug. 1983. In English with French summ. WR 193

DUCKS (CONTINUED)

84-004884 CONTINUED
[Ducks Unlimited Canada, 1190 Waverly St., Winnipeg, Manitoba, Canada R3T 2E2]

84-004885 Woakes, A. J. and P. J. Butler. SWIMMING AND DIVING IN TUFTED DUCKS, *AYTHYA FULIGULA*, WITH PARTICULAR REFERENCE TO HEART RATE AND GAS EXCHANGE. *J. Exp. Biol.* 107:311-329. Nov. 1983. WR 193
[Dep. Zool. & Comp. Physiol., Univ. Birmingham, Birmingham B15 2TT, England]

84-004886 Zuur, Bob; Werner Suter and Augustin Krämer. ZUR NAHRUNGSÖKOLOGIE AUF DEM ERMATINGER BECKEN (BODENSEE) ÜBERWINTERNDER WASSERVÖGEL. [THE FEEDING ECOLOGY OF THE WATERFOWL OVERWINTERING ON THE ERMATINGER BECKEN - LAKE OF CONSTANCE.] *Ornithol. Beob.* 80(4):247-262. Dec. 1983. In German with French and English summ. WR 193
[Waikato Valley Authority, P.O. Box 4010, Hamilton East, New Zealand]

SWANS AND GEESE

84-004887 Baumgarten, Ludwig. DIE LAUTÄUßERUNG DER HÜHNERGANS (*CEREOPSIS NOVAEHOLLANDIAE* LATHAM) ALS GESCHLECHTSMERKMAL. [THE VOCAL EXPRESSION OF *CEREOPSIS NOVAEHOLLANDIAE* LATHAM AS A SEX CHARACTERISTIC.] *Zool. Gart.* 53(3/5):323-328. 1983. In German. WR 193
[Zool. Gart., Fasanenstr. 5a, 4020 Halle, East Germany]

84-004888 Coleman, Tim. FEEDING ECOLOGY OF A STAGING CANADA GOOSE POPULATION. *Proc. Alaska Sci. Conf.* 34:165. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada] *Branta canadensis* in Canada.

84-004889 Craven, Scott R. and Richard A. Hunt. FALL FOOD HABITS OF CANADA GEESE IN WISCONSIN. *J. Wildl. Manage.* 48(1):169-173. Jan. 1984. WR 193
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Branta canadensis*.

84-004890 Davies, J. Chris and F. Cooke. INTRACLUTCH HATCH SYNCHRONIZATION IN THE LESSER SNOW GOOSE. *Can. J. Zool.* 61(6):1398-1401. June 1983. In English with French summ. WR 193
[Dep. Biol., Queen's Univ., Kingston, Ontario, Canada K7L 3N6]

84-004891 Dittami, John Philip and Micahel Robert Hall. MOLT, T(4), AND TESTOSTERONE IN ADULT MALE AND FEMALE BAR-HEADED GEESE, *ANSER INDICUS*. *Can. J. Zool.* 61(12):2695-2697. Dec. 1983. In English with French summ. WR 193
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, D-8138 Andechs, West Germany]

84-004892 Einarsson, Árni. HEIDAGAESAVARPID Í GRAFARLÖNDUM EYSTRI. [THE PINK-FOOTED GEESE *ANSER BRACHYRHYNCHUS* OF GRAFARLÖND EYSTRI, NORTH EASTERN ICELAND.] *Bliki* 2:2-9. Dec. 1983. In Icelandic with

SWANS AND GEESE (CONTINUED)

84-004892 CONTINUED English summ. WR 193
[Náttúruverndarráð, Hverfisgötu 26, 101 Reykjavík, Iceland]

84-004893 Estel, Bridgett L. WINTER WEIGHTS OF CANADA GEESE IN SOUTHERN ILLINOIS DURING 1982-83. *Ill. Dep. Conserv. Periodic Rep.* No. 38. 10p. Apr. 1983. WR 193
Branta canadensis.

84-004894 Frederick, Robert Beneke. BEHAVIOR ENERGETICS AND MANAGEMENT OF REFUGING WATERFOWL: A SIMULATION MODEL. *Ph.D. dissertation, Iowa State Univ.* 130p. 1983. From Diss. Abstr. Int. B. Sci. Eng. 44(6):1706. Dec. 1983. WR 193
Chen caerulescens caerulescens in Iowa.

84-004895 Górski, Wojciech and Jacek Jesionowski. MIGRATION OF THE BEWICK'S SWAN *CYGNUS BEWICKII* IN POLAND. *Ornis Fenn.* Suppl. 3. p. 51-53. 1983. WR 193
[Dep. Zool., Biol. Inst. Higher Pedagogical Coll., Arciszewskiego 22a, PL-76-200 Slupsk, Poland]

84-004896 Gromadzki, Maciej and Maria Wieloch. THE DISTRIBUTION AND NUMBERS OF THE GREY-LAG GOOSE *ANSER ANSER* IN POLAND. *Ornis Fenn.* Suppl. 3. p. 71-72. 1983. WR 193
[Stacja Ornitol. IZ PAN, PL-80-680 Gdansk 40, Poland]

84-004897 Halse, Stuart Anthony. FEEDING, REPRODUCTION AND BODY COMPOSITION OF SPUR-WINGED GEESE. *Ph.D. dissertation, Univ. Witwatersrand (South Africa)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1744. Dec. 1983. WR 193
Plectropterus gambensis.

84-004898 Hamer, Vic and George C. Arthur. CANADA GOOSE HARVEST AND HUNTER USE AT REND LAKE DURING THE 1975 SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 16. 5p. 9 Feb. 1976. WR 193
Branta canadensis in Illinois.

84-004899 Hanmer, D.; D. Evans and V. Blackwood. DEVELOPMENT OF THE SPURWINGED GOSLING. *Safring News* 12(2):46-48. 1983. WR 193
[Sucoma, P/Bag 50, Blantyre, Malawi] *Plectropterus gambensis* in Malawi.

84-004900 Harmsen, Rudolf and Fred Cooke. BINOMIAL SEX-RATIO DISTRIBUTION IN THE LESSER SNOW GOOSE: A THEORETICAL ENIGMA. *Am. Nat.* 121(1):1-8. Jan. 1983. WR 193
[Biol. Dep., Queen's Univ., Kingston, Ontario, Canada K7L 3N6] *Anser caerulescens caerulescens* in Canada.

SWANS AND GEESE (CONTINUED)

84-004901 Kurechi, Masayuki; Yoshio Yokota and Mariko Otsu. [NOTES ON THE FIELD IDENTIFICATION OF *ANSER FABALIS SERRIROSTRIS* AND *A. F. MIDDENDORFI*.] *Tori* 32(2/3):95-108. Oct. 1983. In Japanese with English summ. WR 193
[Nankodai 5-4-1, Izumi, Miyagi 983, Japan]

84-004902 LeGrand, Harry E., Jr. BARNACLE GOOSE IN SOUTH CAROLINA. *Chat* 48(1):15. 1984. WR 193
[331 Yadkin Dr., Raleigh, NC 27609] *Branta leucopsis*.

84-004903 Lehman, Paul. ROSS' GEESE IN CIMARRON AND TULSA COUNTIES, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 17(1):5-7. Mar. 1984. WR 193
[P.O. Box 1061, Goleta, CA 93116] *Chen rossii*.

84-004904 McLandress, Murray Robert. POPULATION DYNAMICS, BEHAVIOR AND ECOLOGY OF ROSS' GEESE (*ANSER ROSSII*). *Ph.D. dissertation, Univ. Calif. (Davis)* 154p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1137. Nov. 1983. WR 193

84-004905 Northcote, E. Marjorie. THE GIANT MALTESE SWAN. *Il-Merill* No. 22. p. 6-8. 1981-83. WR 193
[Univ. Dep. Zool., Downing St., Cambridge, England] *Cygnus falconeri* in Malta.

84-004906 Pirkola, Matti K. OBSERVE NECKBANDED GEESE! CO-OPERATION REQUESTED. *Ornis Fenn.* Suppl. 3. p. 69-70. 1983. WR 193
[Game & Fish. Res. Inst., Pitkänsillanranta 3 A, SF-00530 Helsinki 53, Finland]

84-004907 Preuss, Niels Otto. DEVELOPMENT OF THE BREEDING POPULATION OF DANISH GREY-LAG GEESE *ANSER ANSER*. *Ornis Fenn.* Suppl. 3. p. 84. 1983. WR 193
[Ringing Off., Zool. Mus., Universitetsparken 15, DK-2100 Copenhagen, Denmark]

84-004908 Roetker, Fred; Norma Jean Foltz and William L. Anderson. CANADA GOOSE HARVEST AND HUNTER ACTIVITY IN THE SOUTHERN ILLINOIS QUOTA ZONE DURING THE 1976 SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 19. 12p. 16 June 1977. WR 193
Branta canadensis.

84-004909 Scott, D. K. PARENT-OFFSPRING ASSOCIATION IN MUTE SWANS (*CYGNUS OLOR*). *Z. Tierpsychol.* 64(1):74-86. Jan. 1984. In English with German summ. WR 193
[Welney Wildfowl Refuge, Welney, Cambs PE14 9TN, England]

84-004910 Spindler, M. A. and T. W. Barry. DISTRIBUTION, ABUNDANCE, AND PRODUCTIVITY OF FALL STAGING LESSER SNOW GEESE IN COASTAL HABITATS OF NORTHEAST ALASKA AND NORTHWEST CANADA. *Proc. Alaska Sci. Conf.* 34:74.

SWANS AND GEESE (CONTINUED)

84-004910 CONTINUED 1983. Abstract only. WR 193
[U.S. Fish & Wildl. Serv., Arctic Natl. Wildl. Refuge, Fairbanks, AK] *Anser caerulescens*.

84-004911 Thornburg, Dennis D. and Bridgett L. Estel. CANADAN GOOSE HARVEST AND HUNTER ACTIVITY IN THE SOUTHERN ILLINOIS QUOTA ZONE DURING THE 1982 SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 42. 24p. Aug. 1983. WR 193
Branta canadensis.

84-004912 Thornburg, Dennis; Norma Jean Foltz and Timothy Sickmeyer. CANADA GOOSE HARVEST AND HUNTER ACTIVITY IN THE SOUTHERN ILLINOIS QUOTA ZONE DURING THE 1980 SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 30. 18p. 2 Sept. 1981. WR 193
Branta canadensis.

84-004913 Thornburg, Dennis and Bridgett L. Estel. CANADA GOOSE HARVEST AND HUNTER ACTIVITY IN THE SOUTHERN ILLINOIS QUOTA ZONE DURING THE 1981 SEASON. *Ill. Dep. Conserv. Periodic Rep.* No. 37. 18p. Feb. 1983. WR 193
Branta canadensis.

LOONS AND GREBES

84-004914 Gilliland, Mary. WESTERN GREBE--ONE SPECIES OR TWO? *Blue Jay* 42(1):47-51. Mar. 1984. WR 193
[902 University Dr., Saskatoon, Saskatchewan, Canada S7N OK1] *Aechmophorus occidentalis*.

84-004915 Gomersall, C. H. and L. H. Campbell. SURVEILLANCE OF BREEDING RED-THROATED DIVERS IN SHETLAND, 1981: INVESTIGATIONS INTO MONITORING TECHNIQUES. *R. Soc. Prot. Birds, Sandy, England* 36p. 1982. From U.S. Government Reports 83(26):6484. 23 Dec. 1983. Available from NTIS as PB83-257667. WR 193

84-004916 Grenmyr, Urban. GRÅHAKEDOPPINGENS *PODICEPS GRISEGENA* FÖREKOMST I NORRA SVERIGE. [THE OCCURRENCE OF RED-NECKED GREBE *PODICEPS GRISEGENA* IN NORTHERN SWEDEN.] *Var Fagelvarld* 43(1):27-34. 1984. In Swedish with English summ. WR 193
[Stagårdsvägen 17, 821 00 Bollnäs, Sweden]

84-004917 Hoffman, James C. RED-THROATED LOON IN TULSA COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 17(1):4. Mar. 1984. WR 193
[4863 S. Braden, Apt. 4A, Tulsa, OK 74135] *Gavia stellata*.

84-004918 LaBastille, Anne. DRASTIC DECLINE IN GUATEMALA'S GIANT PIED-BILLED GREBE POPULATION. *Environ. Conserv.* 10(4):346-348. 1983. WR 193
[West Wind Publications, Inc., Big Moose, NY 13331] *Podilymbus gigas*.

LOONS AND GREBES (CONTINUED)

84-004919 Messerly, Emma H. PIED-BILLED GREBE WITH YOUNG IN ALFALFA COUNTY, OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 17(1):4-5. Mar. 1984. WR 193
[344 S.E. Elmhurst, Bartlesville, OK 74003] *Podilymbus podiceps.*

84-004920 Nelson, David H. A COMMON LOON NEST FROM NEW HAMPSHIRE CONTAINING FOUR EGGS. *Wilson Bull.* 95(4):672-673. Dec. 1983. WR 193
[Dep. For. & Wildl. Manage., Univ. Mass., Amherst 01003] *Gavia immer.*

84-004921 Otto, James E. AN AUTOMATIC NEST TRAP FOR PIED-BILLED GREBES. *N. Am. Bird Bander* 8(2):52-53. Apr.-June 1983. WR 193
[1108 Bay Shore Dr., Oskosh, WI 54901] *Podilymbus podiceps* in Wisconsin.

84-004922 Piersma, Theunis. ESTIMATING ENERGY RESERVES OF GREAT CRESTED GREBES *PODICEPS CRISTATUS* ON THE BASIS OF BODY DIMENSIONS. *Ardea* 72(1):119-126. 1984. In English with Dutch summ. WR 193
[Zoöl. Lab., Kerklaan 30, 9751 NN Haren, Netherlands]

84-004923 Ratti, John T.; Thomas R. McCabe and Loren M. Smith. MORPHOLOGICAL DIVERGENCE BETWEEN WESTERN GREBE COLOR MORPHS. *J. Field Ornithol.* 54(4):424-426. 1983. WR 193
[Wildl. Biol., Wash. State Univ., Pullman 99164-4220]

84-004924 Ritchison, Gary. SUMMER SIGHTING OF COMMON LOON IN MADISON COUNTY. *Ky. Warbler* 60(1):20. Feb. 1984. WR 193
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond] *Gavia immer* in Kentucky.

84-004925 Shaughnessy, P. D. BLACKNECKED GREBES *PODICEPS NIGRICOLLIS* AT SEA IN THE VICINITY OF LÜDERITZ, SOUTH WEST AFRICA/NAMIBIA. *Cormorant* 11(1/2):7-14. Dec. 1983. WR 193
[25 French St., Hackett, A.C.T. 2602, Australia]

84-004926 Zicus, Michael C.; Ross H. Hier and Stephen J. Maxson. A COMMON LOON NEST FROM MINNESOTA CONTAINING FOUR EGGS. *Wilson Bull.* 95(4):671-672. Dec. 1983. WR 193
[Minn. Dep. Nat. Resour., Wetland Wildl. Res. Group, 102 23rd St., Bemidji 56601] *Gavia immer.*

84-004927 Ziegenfus, Charles W. S. EARED GREBE IN ROCKINGHAM COUNTY, VIRGINIA. *Raven* 53(3):49. Sept. 1982. WR 193
[Math. & Computer Sci. Dep., James Madison Univ., Harrisonburg, VA 22807] *Podiceps nigricollis.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES

84-004928 Abbott, Jackson M. HORDES OF BUFF-BREASTED SANDPIPERS IN VIRGINIA. *Raven* 53(2):33-34. June 1982. WR 193
[8501 Doter Dr., Alexandria, VA 22308] *Tryngites subruficollis.*

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004929 Alonso, Juan C.; José P. Veiga and Javier A. Alonso. FAMILIENAUFLÖSUNG UND ABZUG AUS DEM WINTERQUARTIER BEIM KRANICH *GRUS GRUS*. [FAMILY BREAKUP AND SPRING DEPARTURE FROM WINTER QUARTERS IN THE COMMON CRANE *GRUS GRUS*.] *J. Ornithol.* 125(1):69-74. 1984. In German with English summ. WR 193
[Mus. Nac. Cienc. Nat., C.S.I.C., Madrid, Spain]

84-004930 Andersson, Åke. POPULATION CHANGES OF THE RAZORBILL *ALCA TORDA* IN THE BALTIC 1930-80: ABSTRACT. *Ornis Fenn.* Suppl. 3. p. 85. 1983. WR 193
[Box 7002, S-75007 Uppsala, Sweden]

84-004931 Appleton, C. C. OBSERVATIONS ON THE HISTOLOGY OF *AUSTROBILHARZIA TERRIGALENSIS* (TREMATODA: SCHISTOSOMATIDAE) INFECTION IN THE SILVER GULL, *LARUS NOVAEHOLLANDIAE*. *Int. J. Parasitol.* 14(1):23-28. Feb. 1984. WR 193
[Res. Inst. Dis. Trop. Environ., S. Afr. Med. Res. Council, P.O. Box 17120, Congella 4013, South Africa]

84-004932 Arppe, Heikki. LAASTINKAPPALEITA PIKKUTYLLIPARIN *CHARADRIUS DUBIUS* MUNINA. [LITTLE RINGED PLOVER *CHARADRIUS DUBIUS* INCUBATING PIECES OF MORTAR.] *Ornis Fenn.* 60(3):90. 1983. In Finnish with English summ. WR 193
[Kirkkoherrantie 5 B 17, SF-00650 Helsinki 65, Finland]

84-004933 Avakian, Alan. GREEN-BACKED HERON SPENDS TWO CONSECUTIVE WINTERS ON POND IN NORTHWESTERN SOUTH CAROLINA. *Chat* 48(1):13-14. 1984. WR 193
[Dep. Biol. Sci., Clemson Univ., Clemson, SC 29631]

84-004934 Bailey, Virleen and Max R. Terman. A COMPARATIVE STUDY OF A GREAT BLUE HERON COLONY IN CHASE COUNTY, KANSAS. *Trans. Kans. Acad. Sci.* 86(1):81-88. 1983. WR 193
[Dep. Biol., Tabor Coll., Hillsboro, KS 67063] *Ardea herodias*.

84-004935 Baker, Allan J. GENETIC VARIATION IN SOME SHOREBIRD POPULATIONS: IMPLICATIONS FOR STUDIES OF MIGRATORY SPECIES. *Wader Study Group Bull.* No. 39. p. 57. Dec. 1983. Abstract only. WR 193
[Dep. Ornithol., Royal Ontario Mus., Toronto, Ontario, Canada M5S 2C6] *Calidris* spp.

84-004936 Bayer, Range D. NESTING SUCCESS OF WESTERN GULLS AT YAQUINA HEAD AND ON MAN-MADE STRUCTURES IN YAQUINA ESTUARY, OREGON. *Murrelet* 64(3):87-91. 1983. WR 193
[P.O. Box 1467, Newport, OR 97365] *Larus occidentalis*.

84-004937 Behrstock, Robert A. COLOMBIAN CRAKE (*NEOCREX COLUMBIANUS*) AND PAINT-BILLED CRAKE (*N. ERYTHROPS*): FIRST BREEDING RECORDS FOR CENTRAL AMERICA. *Am. Birds* 37(6):956-957. Nov.-Dec. 1983. WR 193
[Peregrine, Inc., P.O. Box 3062, Houston, TX 77253]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004938 Beintema, A. J. GROWTH AND MORTALITY IN CHICKS OF MEADOW BIRDS. *Wader Study Group Bull.* No. 39. p. 46. Dec. 1983. Abstract only. WR 193
[Rijksuniv. Nat., Postbus 46, 3956 ZR Leersum, Netherlands] Data for 5 spp.

84-004939 Bengtson, Sven-Axel. BREEDING ECOLOGY AND EXTINCTION OF THE GREAT AUK (*PINGUINUS IMPENNIS*): ANECDOTAL EVIDENCE AND CONJECTURES. *Auk* 101(1):1-12. Jan. 1984. WR 193
[Mus. Zool., Univ. Lund, Helgonavägen 3, S-223 62 Lund, Sweden]

84-004940 Bergstrom, Peter W. SEX ROLES DURING DAYLIGHT INCUBATION IN WILSON'S PHALAROPE *(CHARADRIUS WILSONIA)*. *Wader Study Group Bull.* No. 39. p. 57. Dec. 1983. Abstract only. WR 193
[Dep. Biol., Washington & Lee Univ., Lexington, VA 24450]

84-004941 Bicak, Thomas K. VEGETATIVE INTERFERENCE: A FACTOR AFFECTING LONG-BILLED CURLEW (*NUMENIUS AMERICANUS*) FORAGING SUCCESS. *Wader Study Group Bull.* No. 39. p. 57. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Mont., Missoula 59801]

84-004942 Binkley, Clark S. and Richard S. Miller. POPULATION CHARACTERISTICS OF THE WHOOPING CRANE, *GRUS AMERICANA*. *Can. J. Zool.* 61(12):2768-2776. Dec. 1983. In English with French summ. WR 193
[School For. & Environ. Studies, Yale Univ., New Haven, CT 06511]

84-004943 Birkhead, T. R. DISTRIBUTION OF THE BRIDLED FORM OF THE COMMON GUILLEMOT *URIA AALGE* IN THE NORTH ATLANTIC. *J. Zool. (Lond.)* 202(2):165-176. Feb. 1984. WR 193
[Zool. Dep., The University, Sheffield S10 2TN, England]

84-004944 Birkhead, T. R. and D. N. Nettleship. EGG SIZE, COMPOSITION AND OFFSPRING QUALITY IN SOME ALCIDAE (AVES: CHARADRIIFORMES). *J. Zool. (Lond.)* 202(2):177-194. Feb. 1984. WR 193
[Zool. Dep., The University, Sheffield S10 2TN, England] *Alca torda*, *Uria aalge*, *U. lomvia*, and *Fratercula arctica*.

84-004945 Blokpoel, Hans and Gaston D. Tessier. OVERHEAD WIRES AND MONOFILAMENT LINES EXCLUDE RING-BILLED GULLS FROM PUBLIC PLACES. *Wildl. Soc. Bull.* 12(1):55-58. 1984. WR 193
[Canadian Wildl. Serv., 1725 Woodward Dr., Ottawa, Ontario, Canada K1A 0E7] *Larus delawarensis* in Canada.

84-004946 Boere, Gerard; Kees Roselaar and Meinte Engelmoer. THE BREEDING ORIGINS OF PURPLE SANDPIPERS *CALIDRIS MARITIMA* PRESENT IN THE NETHERLANDS. *Ardea* 72(1):101-109. 1984. In English with Dutch summ. WR 193
[State For. Serv., Dep. Nat. Conserv., P.O. Box 20020, 3505 LA Utrecht, Netherlands]

84-004947 Boersma, Dora and John P. Ryder. REPRODUCTIVE PERFORMANCE AND BODY CONDITION OF EARLIER AND LATER NESTING RING-BILLED GULLS. *J. Field Ornithol.* 54(4):374-380. 1983. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004947 CONTINUED
[Dep. Biol., Lakehead Univ., Thunder Bay, Ontario, Canada P7B 5E1] *Larus delawarensis*.

84-004948 Bona, Franco V. ETUDE CRITIQUE ET TAXONOMIQUE DES DILEPIDIDAE FUHRM., 1907 (CESTODA) PARASITES DES CICONIIFORMES. CONSIDÉRATIONS SUR LA SPÉCIFICITÉ ET LA SPÉCIATION. [REVIEW AND TAXONOMIC STUDY ON DILEPIDIDAE FUHRM., 1907 (CESTODA) PARASITES OF CICONIIFORMES. CONSIDERATONS ON SPECIFICITY AND SPECIATION.] *Monit. Zool. Ital. Monogr.* No. 1. xi + 750p. 1975. In French with English summ. WR 193
[Ist. Zool., dell'Università, Via Accademia, Albertina 17, 10123 Turin, Italy]

84-004949 Bonkoski, Jerry. ADULT PARASITIC JAEGER AT STONEY POINT. *Loon* 55(4):182. 1983. WR 193
[Rt. 1, Box 24, Byron, MN 55920] *Stercorarius parasiticus* in Minnesota.

84-004950 Brazil, Mark. A SIGHT RECORD OF YELLOW-LEGGED HERRING GULL FROM KYUSHU, JAPAN. *Tori* 32(2/3):112-113. Oct. 1983. In English with Japanese summ. WR 193
[Rakuno Gakuen Univ., 582 Nishi-Nopporo, Ebetsu, Hokkaido 069-01, Japan] *Larus argentatus mongolicus*.

84-004951 Brent, R.; P. F. Pedersen; C. Bech and K. Johansen. LUNG VENTILATION AND TEMPERATURE REGULATION IN EUROPEAN COOT *FULICA ATRA*. *Physiol. Zool.* 57(1):19-25. Jan./Feb. 1984. WR 193
[Dep. Zoophysiol., Univ. Aarhus, DK-8000 Aarhus C, Denmark]

84-004952 Brinkley, Edward S. A THICK-BILLED MURRE AT BACK BAY. *Raven* 53(3):51. Sept. 1982. WR 193
[508 Mowbray Arch, Norfolk, VA 23507] *Uria lomvia* in Virginia.

84-004953 Bruner, Phillip L.; Oscar W. Johnson and Patricia M. Johnson. WINTERING BEHAVIOR OF LESSER GOLDEN PLOVERS (*PLUVIALIS DOMINICA FULVA*) IN HAWAII. *Wader Study Group Bull.* No. 39. p. 59. Dec. 1983. Abstract only. WR 193
[MNST Div., BYU-Hawaii, Laie 96762]

84-004954 Bryson, William. TRICOLORED HERON NEAR ALDEN IN BRYSON-PEDERSEN MARSH AREA. *Loon* 55(4):179-180. 1983. WR 193
[Rt. 2, Alden, MN 56009] *Hydranassa tricolor* in Minnesota.

84-004955 Bundy, Graham. CALL OF PINTAIL SNIPE. *Br. Birds* 76(12):575-576. Dec. 1983. WR 193
[The Crest, Blythe Shute, Chale, Isle of Wight PO38 2HJ, England] *Gallinago stenura* in Saudi Arabia.

84-004956 Bunni, Munir K. BEHAVIOUR OF THE KILLDEER *CHARADRIUS VOCIFERUS* TOWARD INTRUDERS IN THE BREEDING SEASON. *Wader Study Group Bull.* No. 39. p. 45. Dec. 1983. Abstract only. WR 193
[Iraq Nat. Hist. Mus., Univ. Baghdad, Baghdad, Iraq]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004957 Burbidge, Andrew A. and Phillip J. Fuller. BANDED STILT BREEDING AT LAKE BARLEE, WESTERN AUSTRALIA. *Emu* 82(4):212-216. Dec. 1982. WR 193
[Western Australian Wildl. Res. Cent., Dep. Fish & Wildl., P.O. Box 51, Wanneroo, Western Australia 6065, Australia] *Cladorhynchus leucocephalus*.

84-004958 Burger, Joanna. COLONY STABILITY IN LEAST TERNS. *Condor* 86(1):61-67. Feb. 1984. WR 193
[Dep. Biol. Sci. & Bur. Biol. Res., Rutgers Univ., Piscataway, NJ 08854] *Sterna antillarum* in New Jersey.

84-004959 Burger, Joanna. ARE SHOREBIRDS MARINE BIRDS? *Wader Study Group Bull*. No. 39. p. 57. Dec. 1983. Abstract only. WR 193
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903]

84-004960 Burtt, Edward H., Jr. and William Chow. 'FACING IN' IS NOT GENERAL TO ALL GULLS NESTING ON CLIFFS. *Can. Field-Nat*. 97(2):222-224. Apr.-June 1983. WR 193
[Dep. Zool., Ohio Wesleyan Univ., Delaware, OH 43015] *Larus argentatus*.

84-004961 Buxton, N. E. THE BREEDING WADER POPULATION OF THE WESTERN ISLES AND THE INTEGRATED DEVELOPMENT PROGRAMME. *Wader Study Group Bull*. No. 39. p. 48. Dec. 1983. Abstract only. WR 193
[Nat. Conserv. Council, 4 Sand St., Coulregrein, Stornoway, Isle of Lewis, Scotland]

84-004962 Byrkjedal, Ingvar. COEXISTENCE OF GOLDEN PLOVER AND DOTTEREL ON THE BREEDING GOUNDS: COMPETITION OR SYMBIOSIS? *Wader Study Group Bull*. No. 39. p. 48-49. Dec. 1983. Abstract only. WR 193
[Zool. Mus., Univ. Bergen, Bergen, Norway] *Eudromias ruficollis* and *Pluvialis apricaria* in Norway.

84-004963 Cartar, Ralph V. HOW INCUBATING WHITE-RUMPED SANDPIPERS RESPOND TO WEATHER. *Wader Study Group Bull*. No. 39. p. 57. Dec. 1983. Abstract only. WR 193
[Dep. Biol., Queen's Univ., Kingston, Ontario, Canada K7L 3N6] *Calidris fuscicollis*.

84-004964 Catley, Graham P. STILT SANDPIPER ON MALLORCA IN MAY 1983. *Dutch Birding* 5(4):89-91. Dec. 1983. WR 193
[13 West Acridge, Barton-on-Humber, South Humberside DN18 5AJ, England] *Micropalama himantopus* in Spain.

84-004965 Child, Peter. A CENTRAL OTAGO PECTORAL SANDPIPER. *Notornis* 30(4):339-340. Dec. 1983. WR 193
[10 Royal Terrace, Alexandra, New Zealand] *Calidris melanotos* in New Zealand.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004966 Clark, Nigel and Jacquie Clark, compilers. RECENT RECOVERIES OF WADERS RINGED IN BRITAIN AND IRELAND. *Wader Study Group Bull.* No. 39. p. 73-76. Dec. 1983. WR 193

84-004967 Clugston, D. L. FRANKLIN'S GULL IN AYRSHIRE. *Scott. Birds* 12(8):258-259. 1983. Wk 193
Larus pipixcan in Scotland.

84-004968 Connors, Peter G. INTERACTIONS BETWEEN WESTERN AND SEMIPALMATED SANDPIPERS ON BREEDING GROUNDS. *Wader Study Group Bull.* No. 39. p. 59. Dec. 1983. Abstract only. WR 193
[Bodega Mar. Lab., Univ. Calif., Bodega Bay 94923] *Calidris pusilla* and *C. mauri*.

84-004969 Coulson, J. C.; J. Butterfield; N. Duncan; S. Kearsey; P. Monaghan and C. Thomas. ORIGIN AND BEHAVIOUR OF GREAT BLACK-BACKED GULLS WINTERING IN NORTHEAST ENGLAND. *Br. Birds* 77(1):1-11. Jan. 1984. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] *Larus marinus*.

84-004970 Craig, John L. ARE COMMUNAL PUKEKO CAUGHT IN THE PRISONER'S DILEMMA? *Behav. Ecol. Sociobiol.* 14(2):147-150. 1984. WR 193
[Dep. Zool., Univ. Auckland, Private Bag, Auckland, New Zealand] *Porphyrio porphyrio* in New Zealand.

84-004971 Davidson, N. C. BODY CONDITION OF SHOREBIRDS IN SPRING: PREPARATIONS FOR THE BREEDING SEASON? *Wader Study Group Bull.* No. 39. p. 50. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-004972 de Bruijn, L. L. M. and C. Swennen. THE EFFECT OF TIME LIMITATION ON COCKLE FEEDING IN THE OYSTERCATCHER. *Wader Study Group Bull.* No. 39. p. 51. Dec. 1983. Abstract only. WR 193
[Inst. Sea Res., Texel, Netherlands]

84-004973 De Juana, Eduardo and Luis Gomez Dominguez. GAVIOTAS EN MADRID. [SEAGULLS IN MADRID.] *Vida Silvestre* No. 47. p. 138-147. Sept. 1983. In Spanish. WR 193

84-004974 de Tarso Zuquin Antas, Paulo. MIGRATION OF NEARCTIC SHOREBIRDS (CHARADRIIDAE AND SCOLOPACIDAE) IN BRASIL - FLYWAYS AND THEIR DIFFERENT SEASONAL USE. *Wader Study Group Bull.* No. 39. p. 52-56. Dec. 1983. WR 193
[Cent. Estudos Migracoes de Aves, C.P. 04/034 Brasilia, D.F. 70.000, Brazil] Data for 25 spp.

84-004975 Decker, Tony. JUVENILE VIRGINIA RAIL AT SALTVILLE PONDS. *Raven* 53(2):35-36. June 1982. WR 193
[607 Lincoln Ave., Marion, VA 24354] *Rallus limicola* in Virginia.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004976 Dennis, Roy H. PURPLE SANDPIPERS BREEDING IN SCOTLAND. *Br. Birds* 76(12):563-566. Dec. 1983. WR 193
[RSPB Highland Office, Landberg, North Kessock, Inverness IV1 1XD, Scotland] *Calidris maritima*.

84-004977 Douse, A. F. G. GUILLEMOT MONITORING AT HERMANESS, SHETLAND. *Dep. Zool., Aberdeen Univ., Scotland* 11p. 1981. From U.S. Government Reports 83(26):6455. 23 Dec. 1983. Available from NTIS as PB83-256628. WR 193

84-004978 Drummond, Robert. THE SECOND VICTORIAN RECORD OF A BLACK BITTERN. *Aust. Bird Watcher* 10(4):136. Dec. 1983. WR 193
[P.O. Box 63, Kaniva, Victoria 3419, Australia] *Dupetor flavicollis* in Australia.

84-004979 Duffy, David Cameron; David C. Schneider and Natasha Atkins. PARACAS REJOINED--DO SHOREBIRDS COMPETE IN THE TROPICS? *Auk* 101(1):199-202. Jan. 1984. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-004980 Dunn, P. J. UNDERWING OF ADULT ROSS'S GULL. *Br. Birds* 77(1):23-24. Jan. 1984. WR 193
[25 Wreyfield Dr., Scarborough, North Yorkshire YO12 6NP, England] *Rhodostethia rosea* in England.

84-004981 Edman, John D.; Jonathan F. Day and Edward D. Walker. FIELD CONFIRMATION OF LABORATORY OBSERVATIONS ON THE DIFFERENTIAL ANTIMOSQUITO BEHAVIOR OF HERONS. *Condor* 86(1):91-92. Feb. 1984. WR 193
[Dep. Entomol., Univ. Mass., Amherst 01003] *Egretta caerulea* and *Butorides striatus* in Florida.

84-004982 Ens, B. J. and J. D. Goss-Custard. INTERFERENCE AMONG OYSTERCATCHERS, *HAEMATOPUS OSTRALEGUS*, FEEDING ON MUSSELS, *MYTILUS EDULIS*, ON THE EXE ESTUARY. *J. Anim. Ecol.* 53(1):217-231. Feb. 1984. WR 193
[Res. Inst. Nat. Manage., P.O. Box 59, 1790 AB Den Burg (Texel), Netherlands]

84-004983 Ens, Bruno. FEEDING TERRITORIES IN CURLEWS (20Y REVISITED). *Wader Study Group Bull.* No. 39. p. 49-50. Dec. 1983. Abstract only. WR 193
[Res. Inst. Nat. Manage., P.O. Box 59, 1790 AB Den Burg Texel, Netherlands] *Numenius* spp. in the Netherlands.

84-004984 Faanes, Craig A. ASPECTS OF THE NESTING ECOLOGY OF LEAST TERNS AND PIPING PLOVERS IN CENTRAL NEBRASKA. *Prairie Nat.* 15(4):145-154. Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., North. Prairie Wildl. Res. Cent., Jamestown, ND 58401] *Sterna antillarum antillarum*, *S. a. athalassos*, and *Charadrius melodus circumcinatus*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004985 Fall, Bruce A. JAEGER (SP.) AT ITASCA STATE PARK. *Loon* 55(4):181-182. 1983. WR 193
[Bell Mus. Nat. Hist., Univ. Minn., Minneapolis 55455] *Stercorarius* sp. in Minnesota.

84-004986 Ferns, P. N. and M. Moser. 1984 WEST COAST SPRING PASSAGE PROJECT. *Wader Study Group Bull.* No. 39. p. 35-36. Dec. 1983. WR 193
[Zool. Dep., Univ. Coll., Cathays Park, Cardiff CF1 1XL, Wales]

84-004987 Ferns, P. N. HABITAT SELECTION IN BREEDING WADERS. *Wader Study Group Bull.* No. 39. p. 41. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Coll., Cardiff, Wales] *Charadrius hiaticula, Arenaria interpres, Calidris alpina, C. alba*, and *C. canutus*.

84-004988 Ferns, P. N.; C. J. Thomas and P. C. Hack. WHY ARE WADERS LIKE TOPSY? *Wader Study Group Bull.* No. 39. p. 41. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Coll., Cardiff, Wales] *Pluvialis apricaria* and *Calidris alpina* in Wales.

84-004989 Fetterolf, Peter M. INFANTICIDE AND NON-FATAL ATTACKS ON CHICKS BY RING-BILLED GULLS. *Anim. Behav.* 31(4):1018-1028. Nov. 1983. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1] *Larus delawarensis* in Canada.

84-004990 Finch, B. W. LITTLE STINT *CALIDRIS MINUTUS* AT AROA LAGOON C.P. SECOND RECORD FOR THE NEW GUINEA REGION. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 3-4. Mar.-Apr. 1983. WR 193
[P.O. BOx 496, Port Moresby, Papua New Guinea]

84-004991 Finch, Brian W. THE NORTHERN RACE OF LITTLE RINGED PLOVER *CHARADRIUS DUBIUS CURONICUS* IN THE PORT MORESBY REGION. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 9-10. Mar.-Apr. 1983. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004992 Finch, Brian W. SPUR-WINGED LAPWINGS *VANELLUS MILES NOVAEHOLLANDIAE* AT MOITAKA SETTLING PONDS, CENTRAL PROVINCE. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 26-28. July-Aug. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004993 Finch, Brian W. RED-KNEED DOTTEREL (*ERYTHROGONYS CINCTUS*) AT KANOSIA LAGOON, FIRST RECORD FOR CENTRAL PROVINCE. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 11. July-Aug. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-004994 Finch, Brian W. BLACK-WINGED STILT (*HIMANTOPUS HIMANTOPUS*) NESTING AT KANOSIA LAGOON, CENTRAL PROVINCE - A NEW BREEDING SPECIES FOR THE ISLAND OF NEW GUINEA. *Papua New Guinea Bird Soc. Newl.* No. 193-194. p. 10. July-Aug. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-004995 Finnegan, Kathleen H. WILLETS IN ROCKINGHAM COUNTY, VIRGINIA. *Raven* 53(3):50-51. Sept. 1982. WR 193
[1375-D Central Ave., Harrisonburg, VA 22801] *Catoptrophorus semipalmatus*.

84-004996 Fitch, Mary A. THE EVOLUTIONARY SIGNIFICANCE OF THE PAIR BOND IN A LONG-LIVED MONOGAMOUS AVIAN SPECIES THE HERRING GULL *LARUS ARGENTATUS*. *Ph.D. dissertation, Rutgers Univ*. 114p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1333. Nov. 1983. WR 193

84-004997 Fox, Glen A. and Dora Boersma. CHARACTERISTICS OF SUPERNORMAL RING-BILLED GULL CLUTCHES AND THEIR ATTENDING ADULTS. *Wilson Bull.* 95(4):552-559. Dec. 1983. WR 193
[Canadian Wildl. Serv., Natl. Wildl. Res. Cent., Ottawa, Ontario, Canada K1A 0E7] *Larus delawarensis* in Canada.

84-004998 Franz, Dieter and Norbert Theiss. NEUANSIEDLUNG DES GRAUREIHERS *ARDEA CINEREA* IN OBERFRANKEN. [NEW COLONIZATION OF *ARDEA CINEREA* IN UPPER FRANKEN.] *Anz. Ornithol. Ges. Bayern* 22(3):222-223. Dec. 1983. In German with English summ. WR 193
[Franz-Klinger-Str. 3, 8630 Coburg, West Germany]

84-004999 Frisch, Thomas. IVORY GULL COLONIES ON THE DEVON ISLAND ICE CAP, ARCTIC CANADA. *Arctic* 36(4):370-371. Dec. 1983. WR 193
[Geol. Survey Canada, 588 Booth St., Ottawa, Ontario, Canada K1A 0E4] *Pagophila eburnea*.

84-005000 Fullagar, P. J.; H. J. de S. Disney and R. E. de Naurois. ADDITIONAL SPECIMENS OF TWO RARE RAILS AND COMMENTS ON THE GENUS *TRICHOLIMNAS* OF NEW CALEDONIA AND LORD HOWE ISLAND. *Emu* 82(3):131-136. Aug. 1982. WR 193
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, ACT 2602, Australia]

84-005001 Fuller, R. J.; G. H. Green and M. W. Pienkowski. FIELD OBSERVATIONS ON METHODS USED TO COUNT WADERS BREEDING AT HIGH DENSITY IN THE OUTER HEBRIDES, SCOTLAND. *Wader Study Group Bull.* No. 39. p. 27-29. Dec. 1983. WR 193
[BTO, Beech Grove, Tring, Herts HP23 5NR, England]

84-005002 Fuller, Rob and Nigel Buxton. THE MACHAIR OF THE OUTER HEBRIDES. *Wader Study Group Bull.* No. 39. p. 9-13. Dec. 1983. WR 193
[BTO, Beech Grove, Tring, Herts HP23 5NR, England]

84-005003 Galbraith, Hector and Bob Furness. THE WSG SURVEY OF THE BREEDING WADERS OF SCOTTISH AGRICULTURAL LAND. *Wader Study Group Bull.* No. 39. p. 30. Dec. 1983. WR 193
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005004 Gaston, A. J.; G. Chapdelaine and D. G. Noble. THE GROWTH OF THICK-BILLED MURRE CHICKS AT COLONIES IN HUDSON STRAIT: INTER- AND INTRA-COLONY VARIATION. *Can. J. Zool.* 61(11):2465-2475. Nov. 1983. In English with French summ. WR 193
[Canadian Wildl. Serv., Ottawa, Ontario, Canada K1A 0E7] *Uria lomvia* in Canada.

84-005005 Gill, Robert E., Jr.; Colleen M. Handel and Leonard A. Shelton. MEMORIAL TO A BLACK TURNSTONE: AN EXAMPLAR OF BREEDING AND WINTERING SITE FIDELITY. *N. Am. Bird Bander* 8(3):98-101. July-Sept. 1983. WR 193
[U.S. Fish & Wildl. Serv., Denver Wildl. Res. Cent., 1011 E. Tudor Rd., Anchorage, AK 99503] *Arenaria melanocephala* in California and Alaska.

84-005006 Goss-Custard, J. D. MORTALITY, FEEDING AND FIGHTING IN YOUNG OYSTERCATCHERS. *Wader Study Group Bull.* No. 39. p. 43-44. Dec. 1983. Abstract only. WR 193
[ITE, Furzebrook Res. Stn., Wareham, Dorset BH20 5AS, England] *Haematopus ostralegus* in England.

84-005007 Goss-Custard, J. D.; R. T. Clarke and S. E. A. le V. dit Durell. RATES OF FOOD INTAKE AND AGGRESSION OF OYSTERCATCHERS *HAEMATOPUS OSTRALEGUS* ON THE MOST AND LEAST PREFERRED MUSSEL *MYTILUS EDULIS* BEDS OF THE EXE ESTUARY. *J. Anim. Ecol.* 53(1):233-245. Feb. 1984. WR 193
[Inst. Terrestrial Ecol., Furzebrook Res. Stn., Wareham, Dorest, England]

84-005008 Goutner, Vasilis. THE BREEDING ECOLOGY OF THE OYSTERCATCHER *HAEMATOPUS OSTRALEGUS* L. IN THE EVROS DELTA, GREECE. *Wader Study Group Bull.* No. 39. p. 45. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Thessaloniki, Thessaloniki, Greece]

84-005009 Gratto, C. L.; F. Cooke and R. I. G. Morrison. NESTING SUCCESS OF YEARLING AND OLDER BREEDERS IN THE SEMIPALMATED SANDPIPER, *CALIDRIS PUSILLA*. *Can. J. Zool.* 61(5):1133-1137. May 1983. In English with French summ. WR 193
[Biol. Dep., Queen's Univ., Kingston, Ontario, Canada K7L 3N6]

84-005010 Green, G. H. WSG / NCC SURVEY OF WADERS BREEDING ON THE HEBRIDEAN MACHAIR AND ADJACENT LAND, 1983. *Wader Study Group Bull.* No. 39. p. 5-8. Dec. 1983. WR 193
[Windy Ridge, Littleton Comberton, Pershore, Worcs., England]

84-005011 Green, R. E. THE FEEDING ECONOMY AND GROWTH OF COMMON SNIPE CHICKS. *Wader Study Group Bull.* No. 39. p. 42. Dec. 1983. Abstract only. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Gallinago gallinago* in England.

84-005012 Greig, S. A.; J. C. Coulson and P. Monaghan. AGE-RELATED DIFFERENCES IN FORAGING SUCCESS IN THE HERRING GULL (*LARUS ARGENTATUS*). *Anim. Behav.* 31(4):1237-1243. Nov. 1983. WR 193
[Dep. Zool., Univ. Durham, Durham, England]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005013 Hale, W. G. REDSHANKS IN THE BREEDING SEASON. *Wader Study Group Bull.* No. 39. p. 48. Dec. 1983. Abstract only. WR 193
[Dep. Biol., Liverpool Polytech., Byrom St., Liverpool L3 3AF, England] *Tringa totanus.*

84-005014 Hancock, James. AERIAL STRETCH DISPLAY OF THE EASTERN RACE OF THE GREAT WHITE EGRET *EGRETTA ALBA. Ibis* 126(1):92-94. Jan. 1984. WR 193
[Brookside, Back St., St. Cross, Winchester SO23 9SB, England]

84-005015 Handel, Colleen and Robert Gill, Jr. DOES THE TIDAL CLOCK OR THE DIEL CLOCK RULE THE ROOST? - A STUDY OF PRE-MIGRATORY DUNLIN. *Wader Study Group Bull.* No. 39. p. 59. Dec. 1983. Abstract only. WR 193
[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK] *Calidris alpina* in Alaska.

84-005016 Haney, J. Christopher. GEORGIA'S SECOND RECORD OF ARCTIC TERN. *Oriole* 47(1/2):10-11. Mar.-June 1982. WR 193
[Dep. Zool., Univ. Ga., Athens 30602] *Sterna paradisaea.*

84-005017 Hansen, Erpur Snaer. VEPJUVARP Í MEDALLANDI 1983. [LAPWING *VANELLUS VANELLUS* NESTS IN MEDALLAND, S-ICELAND, 1983.] *Bliki* 2:42-43. Dec. 1983. In Icelandic with English summ. WR 193
[Brekkustig 31A, 230 Keflavík, Iceland]

84-005018 Harrington, Brian A. and Linda E. Leddy. SOUTH MIGRATION STRATEGIES OF FIVE SHOREBIRDS IN EASTERN NORTH AMERICA. *Wader Study Group Bull.* No. 39. p. 59. Dec. 1983. Abstract only. WR 193
[Manomet Bird Observatory, Manomet, MA 02345]

84-005019 Harris, M. P. and U. N. Safriel. BREEDING EFFORTS AND SURVIVORSHIP OF BREEDING OYSTERCATCHERS ON SKOKHOLM. *Wader Study Group Bull.* No. 39. p. 43. Dec. 1983. Abstract only. WR 193
[ITE, Hill of Brathens, Banchory, Kincardineshire AB3 4BY, Scotland] *Haematopus ostralegus* in Wales.

84-005020 Harrison, C. J. O. THE OCCURRENCE OF SAUNDER'S LITTLE TERN IN THE UPPER ARABIAN GULF. *Sandgrouse* No. 5. p. 100-101. 1983. WR 193
[British Mus. (Nat. Hist.), Tring, Hertfordshire HP23 6AP, England] *Sterna saundersi* and *S. albifrons.*

84-005021 Hayes, Jim. RUFF MIGRATION IN EASTERN NORTH AMERICA. *N.J. Audubon* 10(1):9. 1984. WR 193
[Rutgers Univ., RPO Box 786, New Brunswick, NJ 08903] *Philomachus pugnax.*

84-005022 Heard, Richard W. OBSERVATIONS ON THE FOOD AND FOOD HABITS OF CLAPPER RAILS (*RALLUS LONGIROSTRIS* BODDAERT) FROM TIDAL MARSHES ALONG THE EAST AND GULF COASTS OF THE UNITED STATES. *Gulf Coast Res. Lab., Ocean Springs* 15p. Apr. 1983. From U.S. Government Reports 83(17):4219. 19 Aug. 1983. Available from NTIS as PB83-197335. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005023 Heather, B. D. ALBINISTIC WHITE-FACED HERONS. *Notornis* 30(4):341-343. Dec. 1983. WR 193
[10 Jocelyn Crescent, Silverstream, New Zealand] *Ardea novaehollandiae* in New Zealand.

84-005024 Hendrickson, Mike. BLACK-LEGGED KITTIWAKE AT STONEY POINT. *Loon* 55(4):179. 1983. WR 193
[1022 N. 11th Ave., Duluth, MN 55805] *Rissa tridactyla* in Minnesota.

84-005025 Hicklin, Peter W. THE FEEDING ECOLOGY OF SEMIPALMATED SANDPIPERS IN THE BAY OF FUNDY. *Wader Study Group Bull.* No. 39. p. 48. Dec. 1983. Abstract only. WR 193
[Canadian Wildl. Serv., Sackville, New Brunswick, Canada E0A 3C0] *Calidris pusilla* in the United States and Canada.

84-005026 Hicklin, Peter W. INFLUENCE OF PREY DENSITY AND BIOMASS ON MIGRATION TIMING OF SEMIPALMATED SANDPIPERS IN THE BAY OF FUNDY. *Wader Study Group Bull.* No. 39. p. 59. Dec. 1983. Abstract only. WR 193
[Canadian Wildl. Serv., Sackville, New Brunswick, Canada E0A 3C0]

84-005027 Hiemenz, Nestor. ANOTHER SNOWY PLOVER AT LAKE OF THE WOODS. *Loon* 55(4):177. 1983. WR 193
[705 - 18th Ave., St. Cloud, MN 56301] *Charadrius alexandrinus* in Minnesota.

84-005028 Hildén, Olavi. MATING SYSTEM AND BREEDING BIOLOGY OF THE LITTLE STINT *CALIDRIS MINUTA*. *Wader Study Group Bull.* No. 39. p. 47. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Helsinki, SF-00100 Helsinki 10, Finland]

84-005029 Hill, Brian. HAND-REARING THE LAPWING *VANELLUS VANELLUS* AND RELATED OBSERVATIONS. *Avic. Mag.* 89(2):77-83. 1983. WR 193

84-005030 Hockey, P. A. R. and L. G. Underhill. DIET OF THE AFRICAN BLACK OYSTERCATCHER *HAEMATOPUS MOQUINI* ON ROCKY SHORE: SPATIAL, TEMPORAL AND SEX-RELATED VARIATION. *S. Afr. J. Zool.* 19(1):1-11. Jan. 1984. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005031 Hockey, Philip A. R. GROWTH AND ENERGETICS OF THE AFRICAN BLACK OYSTERCATCHER *HAEMATOPUS MOQUINI*. *Ardea* 72(1):111-117. 1984. In English with Dutch summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005032 Hodgson, Ralph. REARING THE AFRICAN JACANA *ACTOPHILORNIS AFRICANA* AT THE WILDFOWL TRUST, SLIMBRIDGE, GLOS. *Avic. Mag.* 89(2):67-68. 1983. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005033 Hoffman, Ronald H. CHANGES IN THE WETLANDS SELECTED BY AN INCREASING SANDHILL CRANE POPULATION. *Jack-Pine Warbler* 61(2):51-60. June 1983. WR 193
[6142 Territorial Rd., Pleasant Lake, MI 49272] *Grus canadensis tabida* in Michigan.

84-005034 Holley, A. J. F. ADOPTION, PARENT-CHICK RECOGNITION AND MALADAPTATION IN THE HERRING GULL *LARUS ARGENTATUS*. *Z. Tierpsychol.* 64(1):9-14. Jan. 1984. In English with German summ. WR 193
[Ferndale, Wick Lane, Brent Knoll, Highbridge, Somerset TA9 8BU, England]

84-005035 Horsfall, John A. FOOD SUPPLY AND EGG MASS VARIATION IN THE EUROPEAN COOT. *Ecology* 65(1):89-95. Feb. 1984. WR 193
[Edward Grey Inst. Field Ornithol., Dep. Zool., S. Parks Rd., Oxford OX1 3PS, England] *Fulica atra* in England.

84-005036 Howard, Robert K. and Kim W. Lowe. PREDATION BY BIRDS AS A FACTOR INFLUENCING THE DEMOGRAPHY OF AN INTERTIDAL SHRIMP. *J. Exp. Mar. Biol. Ecol.* 74(1):35-52. 5 Jan. 1984. WR 193
[CSIRO, Div. Fish. Res., P.O. Box 20, North Beach, Western Australia 6020, Australia] *Platalea regia*, *Ardea novaehollandiae* and *Threskiornis aethiopicus* in Australia.

84-005037 Howe, Marshall A. FIDELITY TO FEEDING AND ROOSTING SITES BY SEMIPALMATED PLOVERS AND SANDPIPERS AT A MIGRATORY STOPOVER. *Wader Study Group Bull.* No. 39. p. 59. Dec. 1983. Abstract only. WR 193
[U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., Laurel, MD 20708] *Calidris pusilla* and *Charadrius semipalmatus* in Maine.

84-005038 Howell, Thomas R. DESERT-NESTING SEA GULLS. *Nat. Hist.* 91(8):52-59. Aug. 1982. WR 193
Larus modestus in Chile.

84-005039 Hutchinson, C. D.; T. C. Kelly and K. O'Sullivan. AMERICAN COOT: NEW TO BRITAIN AND IRELAND. *Br. Birds* 77(1):12-16. Jan. 1984. WR 193
[11 Knockrea Park, Douglas Rd., Cork, Ireland] *Fulica americana*.

84-005040 Inskipp, C. and N. J. Collar. THE BENGAL FLORICAN: ITS CONSERVATION IN NEPAL. *Oryx* 18(1):30-35. Jan. 1984. WR 193
[219c Huntingdon Rd., Cambridge CB3 0DL, England] *Houbaropsis bengalensis*.

84-005041 Jackson, D. B. and S. M. Percival. THE BREEDING WADERS OF THE HEBRIDEAN MACHAIR: A VALIDATION CHECK OF THE CENSUS METHOD. *Wader Study Group Bull.* No. 39. p. 20-24. Dec. 1983. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-005042 Janssen, Robert B. SABINE'S GULL AT LAKE BENTON. *Loon* 55(4):178. 1983. WR 193
[10521 S. Cedar Lake Rd., #212, Minnetonka, MN 55343] *Xema sabini* in Minnesota.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005043 Jehl, Joseph R., Jr. and Bertram G. Murray, Jr. SEXUAL SIZE DIMORPHISM IN SHOREBIRDS. *Wader Study Group Bull*. No. 39. p. 58. Dec. 1983. Abstract only. WR 193
[Hubbs/Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109]

84-005044 Jehl, Joseph R., Jr. SEXUAL DIMORPHISM AND DIFFERENTIAL NICHE UTILIZATION IN WILSON'S PHALAROPE IN FALL MIGRATION. *Wader Study Group Bull*. No. 39. p. 58. Dec. 1983. Abstract only. WR 193
[Hubbs/Sea World Res. Inst., 1700 S. Shores Rd., San Diego, CA 92109] *Phalaropus tricolor* in the United States.

84-005045 Johnsgard, Paul A. WHOOPER RECOUNT. *Nat. Hist*. 91(2):71-75. Feb. 1982. WR 193
Grus americana in Nebraska.

84-005046 Johnson, Oscar L. ICELAND/THAYER'S GULL: AN IDENTIFICATION PROBLEM. *Loon* 55(4):188-189. 1983. WR 193
[7733 Florida Circle, Brooklyn Park, MN 55445] *Larus glaucoides* and *L. thayeri* in Minnesota.

84-005047 Jonsson, Paul E. BREEDING DUNLINS *CALIDRIS ALPINA SCHINZII* IN SW SWEDEN: SOME RESULTS FROM A POPULATION STUDY. *Wader Study Group Bull*. No. 39. p. 43. Dec. 1983. Abstract only. WR 193
[Dep. Anim. Ecol., Univ. Lund, S-223 62 Lund, Sweden]

84-005048 Kent, T. H. SABINE'S GULL AT SAYLORVILLE RESERVOIR. *Iowa Bird Life* 53(4):105-106. Dec. 1983. WR 193
[211 Richards St., Iowa City, IA 52240] *Xema sabini* in Iowa.

84-005049 Kharitonov, S. P. and V. A. Zubakin. [PAIR-BONDING IN THE BLACK-HEADED GULL.] *Zool. Zh*. 63(1):95-104. Jan. 1984. In Russian with English summ. WR 193
[Inst. Anim. Evol., Morphol. & Ecol., USSR Acad. Sci., Moscow, USSR] *Larus ridibundus* in the USSR.

84-005050 Kilpi, Mikael and Perti Saurola. WINTERING AREAS OF GREAT BLACK-BACKED AND HERRING GULLS FROM HEINÄSAARET, THE ARCTIC USSR, AND THE NORTHERN BALTIC IN 1930-40. *Ornis Fenn*. 60(3):91-93. 1983. In English with Finnish summ. WR 193
[Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland] *Larus marinus* and *L. argentatus*.

84-005051 Kilpi, Mikael and Pertti Saurola. GEOGRAPHIC DISTRIBUTION OF BREEDING SEASON RECOVERIES OF ADULT AND IMMATURE *LARUS MARINUS*, *L. ARGENTATUS* AND *L. FUSCUS* RINGED IN FINLAND. *Ornis Fenn*. 60(4):117-125. 1983. In English with Finnish summ. WR 193
[Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-005052 Kilpi, Mikael and Pertti Saurola. PRE-MIGRATION MOVEMENTS OF COASTAL FINNISH HERRING GULLS (*LARUS ARGENTATUS*) IN AUTUMN. *Ann. Zool. Fenn*. 20(4):245-254. 1983. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005052 CONTINUED
[Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-005053 King, Bernard. FEEDING BEHAVIOUR OF WINTERING LITTLE GULLS. *Sea Swallow* 32:84-85. 1981/82. WR 193
[9 Park Rd., Newlyn, Penzance, Cornwall, England] *Larus minutus* in England.

84-005054 Koerkamp, Geert Groot. VERENKLEED EN NAAKTE DELEN VAN JUVENIELE STELTKLUUT. [PLUMAGE AND BARE PARTS OF JUVENILE BLACK-WINGED STILT.] *Dutch Birding* 5(4):102-103. Dec. 1983. In Dutch with English summ. WR 193
[Oosterwechelsweg 14, 7433 CP Schalkhaar, Netherlands] *Himantopus himantopus*.

84-005055 Krüger, Siegfried and Hans-Jürgen Knopf. BRUTEN DER SCHWARZKOPFMÖWE, *LARUS MELANOCEPHALUS* TEMMINCK, AN GRUBENRESTSEEN DES KREISES HOYERSWERDA. [BREEDING OF THE MEDITERRANEAN GULL, *LARUS MELANOCEPHALUS* IN THE COUNTY OF HOYERSWERDA.] *Beitr. Vogelkd.* 29(3):169-173. 1983. In German. WR 193
[J.-G.-Herder-Str. 29, 7700 Hoyerswerda, East Germany]

84-005056 Leck, Charles. GULLS, TERNS AND FALL SHOREBIRDS AT NEW BRUNSWICK. *N.J. Audubon* 10(1):6-8. 1984. WR 193
[Dep. Biol. Sci., Rutgers Univ., New Brunswick, NJ 08903]

84-005057 Lessells, C. M. THE MATING SYSTEM OF KENTISH PLOVERS *CHARADRIUS ALEXANDRINUS*: SOME OBSERVATIONS AND EXPERIMENTS. *Wader Study Group Bull.* No. 39. p. 43. Dec. 1983. Abstract only. WR 193
[Imperial Coll., Silwood Park, Ascot, Berkshire SL5 7PY, England]

84-005058 Lewartowski, Zenon. OSTATNIE STANOWISKO LEGOWE KULONA *BURHINUS OEDICNEMUS* W WIELKOPOLSCE. [THE LAST BREEDING LOCALITY OF THE STONE-CURLEW, *BURHINUS OEDICNEMUS*, IN MAJOR POLAND.] *Chronmy Przyr. Ojczysta* 39(4):68-71. 1983. In Polish. WR 193

84-005059 Lewartowski, Zenon and Aleksander Winiecki. CZY SLEPOWRONY *NYCTICORAX NYCTICORAX* GNIEZDZA SIE NAD WARTA? [DO NIGHT HERONS, *NYCTICORAX NYCTICORAX*, HAVE THEIR BREEDING PLACES ON THE WARTA RIVER?] *Chronmy Przyr. Ojczysta* 39(5):81-85. 1983. In Polish. WR 193

84-005060 Lohrer, Fred E. BANDED ROYAL TERNS IN INLAND FLORIDA. *Fla. Field Nat.* 12(1):7-8. Feb. 1984. WR 193
[Archbold Biol. Stn., Rt. 2, Box 180, Lake Placid, FL 33852] *Sterna maxima*.

84-005061 Lourie-Fraser, Glenn. CAPTIVE BREEDING OF THE LORD HOWE ISLAND WOODHEN...AN ENDANGERED RAIL. *A.F.A. Watchbird* 10(2):30-38, 41-44. Apr.-May 1983. WR 193
Tricholimnas sylvestris in Australia.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005062 Lowe, Kim W. FEEDING BEHAVIOUR AND DIET OF ROYAL SPOONBILLS *PLATALEA REGIA* IN WESTERNPORT BAY, VICTORIA. *Emu* 82(3):163-168. Aug. 1982. WR 193
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia]

84-005063 Lowe, Kim W. FEEDING BEHAVIOR AND DIET OF THE WHITE-FACED HERON *ARDEA NOVAEHOLLANDIAE* IN WESTERNPORT BAY, VICTORIA. *Corella* 7(5):101-108. Dec. 1983. WR 193
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia]

84-005064 Mänd, Raivo. ON THE MIGRATION OF COMMON AND ARCTIC TERNS *STERNA HIRUNDO* AND *PARADISAEA* IN NORTHERN EUROPE. *Ornis Fenn.* Suppl. 3. p. 59-60. 1983. WR 193
[Inst. Zool. & Bot., 21 Vanemuise, SU-202400 Tartu, Estonian SSR, USSR]

84-005065 Maassen, Erik J. and Hans van der Meulen. VISDIEF TE IJMUIDEN IN FEBRUARI 1983. [COMMON TERN AT IJMUIDEN IN FEBRUARY 1983.] *Dutch Birding* 5(2-3):74. June-Sept. 1983. In Dutch with English summ. WR 193
[Kanaalstr. 234, 1975 BK IJmuiden, Netherlands] *Sterna hirundo* in the Netherlands.

84-005066 Maclean, G. L.; C. M. Maclean; J. N. Geldenhuys and D. G. Allan. GROUP SIZE IN THE BLUE KORHAAN. *Ostrich* 54(4):243-244. Dec. 1983. WR 193
[Dep. Zool., Univ. Natal, Pietermaritzburg 3201, South Africa] *Eupodotis caerulescens* in South Africa.

84-005067 Madge, S. C. and P. S. Madge. FORSTER'S TERN IN CORNWALL. *Br. Birds* 76(12):576-578. Dec. 1983. WR 193
[2 Church Row, Sheviock, Torpoint, Cornwall PL11 3EH, England] *Sterna forsteri* in England.

84-005068 Madge, Steve C. IRIS COLOUR OF MONGOLIAN YELLOW-LEGGED GULL. *Dutch Birding* 5(4):91. Dec. 1983. In English. WR 193
[2 Church Row, Sheviock, Torpoint, Cornwall PL11 3EH, England] *Larus cachinnans*.

84-005069 Mallory, Elizabeth P. COMPARISONS OF WHIMBREL FORAGING AND FOOD RESOURCES AT DIFFERENT PHASES OF THEIR MIGRATORY CYCLE. *Wader Study Group Bull.* No. 39. p. 58. Dec. 1983. Abstract only. WR 193
[Manomet Bird Observatory, P.O. Box 936, Manomet, MA 02345] *Numenius phaeopus*.

84-005070 Mallory, Elizabeth P. and Nicholas V. L. Brokaw. CONSTRAINTS ON SHOREBIRD MORPHOLOGY: PHYLOGENETIC ALLOMETRY IN THE TRINGINAE. *Wader Study Group Bull.* No. 39. p. 58. Dec. 1983. Abstract only. WR 193
[Manomet Bird Observatory, P.O. Box 936, Manomet, MA 02345]

84-005071 Malo de Molina, Juan Andres. LA CIGÜEÑA COMUN, BLANCA, AIROSA Y ENTRAÑABLE. [THE COMMON STORK (*CICONIA CICONIA*), WHITE, GRACEFUL AND INTIMATE.] *Vida Silvestre* No. 46. p. 100-109. June 1983. In Spanish. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005072 Manry, D. E. FACTORS INFLUENCING THE USE OF WINTER-BURNT GRASSLAND BY FORAGING BALD IBISES *GERONTICUS CALVUS*. *S. Afr. J. Zool.* 19(1):12-15. Jan. 1984. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005073 Maron, John L. and J. P. Myers. SEASONAL CHANGES IN ACTIVITY PATTERNS, PREY CAPTURE RATES, AND WEIGHTS OF WINTERING SANDERLING *(CALIDRIS ALBA)*. *Wader Study Group Bull.* No. 39. p. 58. Dec. 1983. Abstract only. WR 193
[Dep. Biol., Univ. N.D., Grand Forks 58202]

84-005074 McKean, John L. LEWIN'S RAIL *RALLUS PECTORALIS*, A NEW ADDITION TO THE AVIFAUNA OF THE NORTHERN TERRITORY. *Aust. Bird Watcher* 10(4):137. Dec. 1983. WR 193
[Wildl. Res. Sect., Conserv. Comm., P.O. Box 38496, Winnellie, Northern Territory 5789, Australia]

84-005075 McKean, John L. and H. A. F. Thompson. NORTHERN TERRITORY RECORD OF THE JAPANESE GULL *LARUS CRASSIROSTRIS*. *Aust. Bird Watcher* 10(3):85. Sept. 1983. WR 193
[Conserv. Comm., P.O. Box 38496, Winnellie, Northern Territory 5789, Australia]

84-005076 McKenzie, Ann and Jon Peterson. BLACK-LEGGED KITTIWAKE IN CARLTON COUNTY. *Loon* 55(4):181. 1983. WR 193
[15630 Upper 194th St. E., Hastings, MN 55033] *Rissa tridactyla* in Minnesota.

84-005077 McLean, H. Kenneth. FIRST TENNESSEE RECORD OF CARIBBEAN COOT. *Migrant* 53(4):81-82. Dec. 1982. WR 193
[115 Judith Dr., Knoxville, TN 37920] *Fulica caribea*.

84-005078 Mead, Chris. GIVING DETAILS OF AGE FOR OYSTERCATCHERS ON BTO RINGING SCHEDULES. *Wader Study Group Bull.* No. 39. p. 61. Dec. 1983. WR 193
[BTO, Beech Grove, Tring, Herts. HP23 5NR, England] *Haematopus ostralegus*.

84-005079 Meller, Y.; M. Levison; N. Forman and R. Yagil. OPERATIVE REPAIR OF A FRACTURED HUMERUS IN A MARIBOU STORK. *Refuah Vet.* 39(3):109-111. Sept. 1982. WR 193
[Soroka Med. Cent., Beer Sheva, Israel] *Leptoptilos crumeniferus*.

84-005080 Metcalfe, Neil. PREY DETECTION BY INTERTIDALLY-FEEDING LAPWINGS. *Wader Study Group Bull.* No. 39. p. 44. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland] *Vanellus vanellus* in Scotland.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005081 Miller, E. H.; W. W. H. Gunn and R. E. Harris. GEOGRAPHIC VARIATION IN THE AERIAL SONG OF THE SHORT-BILLED DOWITCHER (AVES, SCOLOPACIDAE). *Can. J. Zool.* 61(10):2191-2198. Oct. 1983. In English with French summ. WR 193
[LGL Limited, 44 Eglinton Ave. West, Toronto, Ontario, Canada M4R 1AI] *Limnodromus griseus* in Canada.

84-005082 Miller, Edward H. HABITAT AND BREEDING CYCLE OF THE LEAST SANDPIPER (*CALIDRIS MINUTILLA*) ON SABLE ISLAND, NOVA SCOTIA. *Can. J. Zool.* 61(12):2880-2898. Dec. 1983. In English with French summ. WR 193
[Vertbr. Zool. Div., British Columbia Provincial Mus., Victoria, British Columbia, Canada V8V 1X4]

84-005083 Moore, D. R. A MIGRATING FLOCK OF GREY HERONS. *Br. Birds* 77(1):21. Jan. 1984. WR 193
[Crosslands, Cage Lane, Boxted, Colchester, Essex, England] *Ardea cinerea* in England.

84-005084 Morant, P. D. and C. Winter. CARRION FEEDING BY KELP GULLS *LARUS DOMINICANUS* IN PATAGONIA, ARGENTINA. *Cormorant* 11(1/2):65-67. Dec. 1983. WR 193
[12 Mutual Way, Bergvliet 7800, South Africa]

84-005085 Morrison, R. I. G. A HEMISPHERIC PERSPECTIVE ON SHOREBIRD MIGRATION IN THE NEW WORLD. *Wader Study Group Bull.* No. 39. p. 42. Dec. 1983. Abstract only. WR 193
[Scott Polar Res. Inst., Cambridge CB2 1ER, England]

84-005086 Moser, Mike and Mike Carrier. PATTERNS OF POPULATION TURNOVER IN RINGED PLOVERS AND TURNSTONES DURING THEIR SPRING PASSAGE THROUGH THE SOLWAY FIRTH IN 1983. *Wader Study Group Bull.* No. 39. p. 37-41. Dec. 1983. WR 193
[BTO, Beech Grove, Tring, Herts, England] *Charadrius hiaticula* and *Arenaria interpres* in Scotland.

84-005087 Myers, J. P. and B. J. McCaffery. PARACAS REVISITED: DO SHOREBIRDS COMPETE ON THEIR WINTERING GROUND? *Auk* 101(1):197-199. Jan. 1984. WR 193
[Acad. Nat. Sci., 19th & Parkway, Philadelphia, PA 19103]

84-005088 Myers, J. P.; J. L. Maron and M. Sallaberry. GOING TO EXTREMES: WHY DO SANDERLINGS (*CALIDRIS ALBA*) MIGRATE TO THE NEOTROPICS. *Wader Study Group Bull.* No. 39. p. 58. Dec. 1983. Abstract only. WR 193
[Acad. Nat. Sci., Philadelphia, PA 19103]

84-005089 Naik, R. M. and B. M. Parasharya. SEQUENCE OF PLUMAGE CHANGES AND POLYMORPHISM IN THE INDIAN REEF HERON *EGRETTA GULARIS*. *Sandgrouse* No. 5. p. 75-81. 1983. WR 193
[Dep. Biosci., Saurashtra Univ., Rajkot 360 005, (Gujarat State), India]

84-005090 Nehls, Hans Wolfgang. STUDIES ON THE SANDWICH TERN *STERNA SANDVICENSIS* POPULATION OF THE BALTIC WITH SPECIAL REGARD TO THE COAST OF THE GERMAN DEMOCRATIC REPUBLIC. *Ornis Fenn.* Suppl. 3. p. 79-80. 1983. WR

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005090 CONTINUED 193
[Zool. Garden Rostock, DDR-25 Rostock, East Germany]

84-005091 Nelson, Douglas A. COMMUNICATION OF INTENTIONS IN AGONISTIC CONTEXTS BY THE PIGEON GUILLEMOT, *CEPPHUS COLUMBA*. *Behaviour* 88(1-2):145-189. 1984. In English with German summ. WR 193
[Mus. Zool. & Div. Biol. Sci., Univ. Mich., Ann Arbor]

84-005092 Nesbitt, Stephen A. and John H. Hintermister V. NIGHT MIGRATION OF SANDHILL CRANES. *Fla. Field Nat.* 12(1):20. Feb. 1984. WR 193
[Fla. Game & Fresh Water Fish Comm., 4005 S. Main St., Gainesville 32601] *Grus canadensis tabida* in Florida.

84-005093 Nicholson, Charles P. FURTHER COMMENTS ON THE CARIBBEAN COOT IN TENNESSEE. *Migrant* 53(4):82. Dec. 1982. WR 193
[P.O. Box 402, Norris, TN 37828] *Fulica caribea*.

84-005094 Nisbet, Ian C. T. and William H. Drury. SUPER-NORMAL CLUTCHES IN HERRING GULLS IN NEW ENGLAND. *Condor* 86(1):87-89. Feb. 1984. WR 193
[6208 Lakeview Dr., Falls Church, VA 22041] *Larus argentatus*.

84-005095 Nol, Erica. SEX ROLES IN THE AMERICAN OYSTERCATCHER. *Wader Study Group Bull.* No. 39. p. 60. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1]

84-005096 Norton, David W. and Samuel M. Patten, Jr. COLONIAL GULL NESTING IN INTERIOR ALASKA II: HERRING GULLS, *LARUS ARGENTATUS*. *Proc. Alaska Sci. Conf.* 34:82. 1983. Abstract only. WR 193
[Inst. Arctic Biol., Univ. Alaska, Fairbanks]

84-005097 Norton, David W. and Samuel M. Patten, Jr. COLONIAL GULL NESTING IN INTERIOR ALASKA 1: MEW GULLS, *LARUS CANUS*. *Proc. Alaska Sci. Conf.* 34:82. 1983. Abstract only. WR 193
[Inst. Arctic Biol., Univ. Alaska, Fairbanks]

84-005098 Olafsson, Erling; Ferdinand Jónsson and Kristinn Haukur Skarphédinsson. KOLTHERNA VERPUR Á ÍSLANDI. [THE BLACK TERN *CHLIDONIAS NIGER* BREEDING IN ICELAND.] *Bliki* 2:48-55. Dec. 1983. In Icelandic with English summ. WR 193
[Náttúrufraedistofnun Islands, Pósthólf 5320, 125 Reykjavík, Iceland]

84-005099 Osborne, David R. HABITAT FACTORS AFFECTING POLYANDRY IN WATTLED JACANAS. *Wader Study Group Bull.* No. 39. p. 60. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Miami Univ., Oxford, OH 45056] *Jacana jacana*.

84-005100 Osborne, David and A. Townsend Peterson. DECLINE OF THE UPLAND SANDPIPER (*BARTRAMIA LONGICAUDA*) IN OHIO: AN ENDANGERED SPECIES. *Ohio J. Sci.* 84(1):8-10. Mar. 1984. WR 193
[Dep. Zool., Miami Univ., Oxford, OH 45056]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005101 Pöysä, Hannu. RESOURCE UTILIZATION RELATIONS BETWEEN THE COOT (*FULICA ATRA*) AND OTHER WATERFOWL SPECIES. *Finn. Game Res.* 40:37-48. 1983. WR 193
[Dep. Biol., Univ. Joensuu, Box 111, SF-80101 Joensuu 10, Finland]

84-005102 Page, Gary W.; John S. Warriner; Jane C. Warriner and Lynne E. Stenzel. POLYGAMOUS BREEDING IN SNOWY PLOVERS. *Wader Study Group Bull.* No. 39. p. 60. Dec. 1983. Abstract only. WR 193
[Point Reyes Bird Observatory, 4990 State Route 1, Stinson Beach, CA 94970] *Charadrius alexandrinus* in California.

84-005103 Paget, John M. SOME SHOREBIRD OCCURRENCE RECORDS FOR GEORGIA. *Oriole* 47(1/2):18-19. Mar.-June 1982. WR 193
[1530 Vine St., NE, Gainesville, GA 30501] Data for 11 spp.

84-005104 Pearson, D. J. THE MOULT OF THE LITTLE STINT *CALIDRIS MINUTA* IN THE KENYAN RIFT VALLEY. *Ibis* 126(1):1-15. Jan. 1984. WR 193
[Browses, Sibton, Saxmundham, Suffolk, England]

84-005105 Peterson, A. Townsend. TECHNIQUES FOR AGING AND SEXING UPLAND SANDPIPERS *(BARTRAMIA LONGICAUDA)*. *Wader Study Group Bull.* No. 39. p. 60. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Miami Univ., Oxford, OH 45056]

84-005106 Pettit, Ted N.; Gilbert S. Grand and G. Causey Whittow. NESTLING METABOLISM AND GROWTH IN THE BLACK NODDY AND WHITE TERN. *Condor* 86(1):83-85. Feb. 1984. WR 193
[Dep. Physiol., John A. Burns School Med., Univ. Hawaii, Honolulu 96822] *Gygis alba* and *Anous minutus* on Midway Atoll.

84-005107 Pienkowski, M. W. A POOR BREEDING SEASON IN 1983 FOR SOME WADERS ON THE TAYMYR PENINSULA. *Wader Study Group Bull.* No. 39. p. 34. Dec. 1983. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-005108 Pienkowski, M. W. HABITAT SPECIALIZATION IN BREEDING SHOREBIRDS: A DEFENCE AGAINST EGG-PREDATION? *Wader Study Group Bull.* No. 39. p. 50. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-005109 Pienkowski, Michael W. BREEDING BIOLOGY AND POPULATION DYNAMICS OF RINGED PLOVERS *CHARADRIUS HIATICULA* IN BRITAIN AND GREENLAND: NEST-PREDATION AS A POSSIBLE FACTOR LIMITING DISTRIBUTION AND TIMING OF BREEDING. *J. Zool. (Lond.)* 202(1):83-114. Jan. 1983. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England]

84-005110 Piersma, Theunis, compiler. RECENT PUBLICATIONS ON WADERS. *Wader Study Group Bull.* No. 39. p. 64-70. Dec. 1983. WR 193
[Korte Nieuwstraat 4, 9724 LC Groningen, Netherlands]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005111 .Pitelka, F. A. EFFECT OF HABITAT CONDITIONS ON SPATIAL PARAMETERS OF SHOREBIRD POPULATIONS. *Dep. Zool., Univ. Calif., Berkeley* 87p. 11 Feb. 1980. From U.S. Government Reports 83(23):5549. 11 Nov. 1983. Available from NTIS as DE83012408. WR 193

84-005112 Pulkkinen, Markku. TUKKIMIEHENTÄIT *HYLOBIUS ABIETIS*, COL. CURCULIONIDAE, KALALOKKIYHDYSKUNNAN *LAURS CANUS* RAVINTONA. [REMAINS OF *HYLOBIUS ABIETIS*, COL. CURCULIONIDAE, IN PELLETS OF THE COMMON GULL.] *Ornis Fenn.* 60(3):93-95. 1983. In Finnish with English summ. WR 193
[Helsingin yliopisto, Maatalous metsäeläintieteen los, Viikki, SF-00710 Helsinki 71, Finland] *Larus canus* in Finland.

84-005113 Quinney, Terry E. COMPARISON OF GREAT BLUE HERON, *ARDEA HERODIAS*, REPRODUCTION AT BOOT ISLAND AND OTHER NOVA SCOTIA COLONIES. *Can. Field-Nat.* 97(3):275-278. July-Sept. 1983. WR 193
[Dep. Zool., Univ. Western Ontario, London, Ontario, Canada N6A 5B7]

84-005114 Randík, Aladár. ROZSÍRENIE, OCHRANA A OBHOSPODAROVANIE DROPA VEL'KÉHO (*OTIS TARDA* L.) V CESKOSLOVENSKU A V EURÓPE. [SPREADING, PROTECTION AND MANAGEMENT OF GREAT BUSTARD (*OTIS TARDA* L.) IN CZECHOSLOVAKIA AND EUROPE.] *Cesk. Ochr. Prir.* 18:5-38. 1978. In Czech with Russian, German, and English summ. WR 193

84-005115 Randall, R. M. and L. W. Hosten. FIRST BREEDING RECORDS OF GREYHEADED GULLS *LARUS CIRROCEPHALUS* FROM THE EASTERN CAPE, SOUTH AFRICA. *Cormorant* 11(1/2):59-60. Dec. 1983. WR 193
[Zool. Dep., Univ. Port Elizabeth, Box 1600, Port Elizabeth 6000, South Africa]

84-005116 Rattiste, Kalev. DISTRIBUTION OF THE WEST ESTONIAN COMMON GULL *LARUS CANUS* IN THE NON-BREEDING PERIOD. *Ornis Fenn.* Suppl. 3. p. 61-62. 1983. WR 193
[Inst. Zool. Bot., 21 Vanemuise, SU-202400 Tartu, Estonian SSR, USSR]

84-005117 Redfern, Christopher P. F. AN ANALYSIS OF NESTING SUCCESS AND HATCHING SUCCESS IN A LAPWING POPULATION. *Wader Study Group Bull.* No. 39. p. 31-32. Dec. 1983. WR 193
[66 Highfield Ave., Appleton Park, Warrington, Cheshire WA4 5DX, England] *Vanellus vanellus* in England.

34-005118 Redmond, Roland L. ADAPTIVE ASPECTS OF GROWTH AND DEVELOPMENT OF LONG-BILLED CURLEWS *(NUMENIUS AMERICANUS)*. *Wader Study Group Bull.* No. 39. p. 60. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Mont., Missoula 59812]

84-005119 Reed, Austin and Pierre Dupuis. IVORY GULLS, *PAGOPHILA EBURNEA*, NESTING ON THE BRODEUR PENINSULA, BAFFIN ISLAND, N.W.T. *Can. Field-Nat.* 97(3):332. July-Sept. 1983. WR 193
[Canadian Wildl. Serv., 1141 Route l'Eglise, P.O. Box 10100, Ste-Foy, Québec, Canada G1V 4H5]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005120 Reed, T. M. and R. J. Fuller. METHODS USED TO ASSESS POPULATIONS OF BREEDING WADERS ON MACHAIR IN THE OUTER HEBRIDES. *Wader Study Group Bull.* No. 39. p. 14-16. Dec. 1983. WR 193
[Nat. Conserv. Council, Godwin House, George St., Huntingdon, Cambridgeshire, England]

84-005121 Reed, T. M. WITHIN-SEASON VARIATION IN THE DETECTION OF REDSHANK *TRINGA TOTANUS* ON UPLAND MOORLANDS. *Wader Study Group Bull.* No. 39. p. 49. Dec. 1983. Abstract only. WR 193
[Nat. Conserv. Council, P.O. Box 6, George St., Huntingdon, England]

84-005122 Reed, T. M.; T. D. Williams and A. Webb. THE WADER STUDY GROUP SURVEY OF HEBRIDEAN WADERS: WAS THE TIMING RIGHT? *Wader Study Group Bull.* No. 39. p. 17-19. Dec. 1983. WR 193
[Nat. Conserv. Council, Godwin House, George St., Huntingdon, Cambridgeshire, England]

84-005123 Reichholf, Josef. BESTANDSTENDENZEN BEI DER LACHMÖWE *LARUS RIDIBUNDUS*. [POPULATION TRENDS OF *LARUS RIDIBUNDUS*.] *Anz. Ornithol. Ges. Bayern* 22(3):211-217. Dec. 1983. In German with English summ. WR 193
[Zool. Staatssammlung, Maria-Ward-Str. 1B, 8000 Münich, West Germany]

84-005124 Reynolds, John D. PHILOPATRY IN THE RED-NECKED PHALAROPE. *Wader Study Group Bull.* No. 39. p. 60. Dec. 1983. Abstract only. WR 193
[Dep. Biol., Queen's Univ., Kingston, Ontario, Canada K7L 3N6] *Phalaropus fulicarius* in Canada.

84-005125 Ricklefs, Robert E. EGG DIMENSIONS AND NEONATAL MASS OF SHOREBIRDS. *Condor* 86(1):7-11. Feb. 1984. WR 193
[Dep. Biol., Univ. Pa., Philadelphia 19104] Data for 10 spp.

84-005126 Riegner, Mark. FORAGING BEHAVIOR AND ECOLOGY OF YELLOW-CROWNED NIGHT HERONS (*NYCTICORAX VIOLACEUS*). *Ph.D. dissertation, State Univ. N.Y. (Stony Brook)* 106p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1709. Dec. 1983. WR 193

84-005127 Roberts, P. J. IDENTIFICATION AND AGING OF A SORA RAIL. *Br. Birds* 77(3):108-112. Mar. 1984. WR 193
[3 Childscroft Rd., Rainham, Kent, England] *Porzana carolina* in Wales.

84-005128 Roberts, Thomas H. and Ralph W. Dimmick. SEXUAL SEGREGATION IN AMERICAN WOODCOCK, *PHILOHELA MINOR*, DURING SPRING MIGRATION. *J. Tenn. Acad. Sci.* 58(1/2):26. Jan.-Apr. 1983. WR 193
[Waterways Exp. Stn., Corp. Engineers, P.O. Box 631, Vicksburg, MS 39180]

84-005129 Robiller, Franz. BADE- UND HUDERVERHALTEN DES TEMMINCKSTRANDLÄUFERS (*CALIDRIS TEMMINCKI*). [BATHING AND "HUDER" BEHAVIOR OF *CALIDRIS TEMMINCKI*.] *Beitr. Vogelkd.* 29(3):180-182. 1983.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005129 CONTINUED In German. WR 193
[Wilhelm-Bode-Str. 8, 5300 Wiemar, East Germany]

84-005130 Rumiz, Damián I. NUEVOS REGISTROS DE *HELIORNIS FULICA* (BODDAERT, 1783) (AVES, HELIORNITHIDAE) PARA EL NORESTE ARGENTINO. [NEW RECORDS OF *HELIORNIS FULICA* (AVES, HELIORNITHIDAE) FROM NORTHEASTERN ARGENTINA.] *Hist. Nat. (Mendoza)* 3(18):175-176. 1983. In Spanish with English summ. WR 193
[CONICET, CAPRIM, Casilla de Correo 145, 3400 Corrientes, Argentina]

84-005131 Russell, Robert P., Jr. THE PIPING PLOVER IN THE GREAT LAKES REGION. *Am. Birds* 37(6):951-955. Nov.-Dec. 1983. WR 193
[1932 Kennedy Dr. # 103, McLean, VA 22102] *Charadrius melodus*.

84-005132 Ryder, John P.; P. Lynn Ryder and Beatrice Termaat. NEWLY DISCOVERED RING-BILLED GULL COLONIES IN LAKE OF THE WOODS. *Loon* 55(4):156-157. 1983. WR 193
[Dep. Biol., Lakehead Univ., Thunder Bay, Ontario, Canada P7B 5E1] *Larus delawarensis* in Canada.

84-005133 Safriel, Uriel L. DIET-RELATED BREEDING SUCCESS, INLAND BREEDING AND POPULATION INCREASE OF BRITISH OYSTERCATCHERS. *Wader Study Group Bull.* No. 39. p. 44. Dec. 1983. Abstract only. WR 193
[Hebrew Univ. Jerusalem, Jerusalem 91904, Israel] *Haematopus ostralegus* in Wales.

84-005134 Scharf, William C. and Gary W. Shugart. NEW CASPIAN TERN COLONIES IN LAKE HURON. *Jack-Pine Warbler* 61(1):13-15. Mar. 1983. WR 193
[Div. Sci. & Math., Northwest. Mich. Coll., Traverse City] *Sterna caspia*.

84-005135 Scheller, Wolfgang. NOCHMALS: UNGEWÖHNLICHE SITZPLÄTZE DER BEKASSINE (*GALLINAGO GALLINAGO*). [ONCE MORE: UNUSUAL PERCHING SITES OF *GALLINAGO GALLINAGO*.] *Beitr. Vogelkd.* 29(3):182-183. 1983. In German. WR 193
[Neukalener Str. 9, 2050 Teterow, East Germany]

84-005136 Sellin, Dietrich. BEOBACHTUNGEN ZUM BEUTEERWERB SPÄTZIEHENDER FLUßSEESCHWALBEN, *STERNA HIRUNDO*, UNTER BESONDEREN ÖKOLOGISCHEN VERHÄLTNISSEN. [OBSERVATIONS ON PREY ACQUISITION OF LATE MIGRATING COMMON TERNS (*STERNA HIRUNDO*) UNDER SPECIAL ECOLOGICAL CONDITIONS.] *Beitr. Vogelkd.* 29(3):161-168. 1983. In German. WR 193
[Dubnaring 1B, 2200 Greifswald, East Germany]

84-005137 Shackford, John S. EARLY SPRING RECORD FOR CATTLE EGRET IN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 17(1):7. Mar. 1984. WR 193
[Rt. 1, Box 125, Oklahoma City, OK 73111] *Bubulcus ibis*.

84-005138 Shannon, George and John L. McKean. FIRST RECORD OF SABINE'S GULL *XEMA SABINI* FROM AUSTRALIA. *Aust. Bird Watcher* 10(3):82-83. Sept. 1983. WR 193
[Oak Tree House, 265 Hythe Rd., Willesborough, Ashford, Kent TN24 0QB, England]

84-005139 Shields, Mark A. and James F. Parnell. EXPANSION OF WHITE IBIS NESTING IN NORTH CAROLINA. *Chat* 47(4):101-103. 1983. WR 193
[Dep. Biol., Univ. N.C., Wilmington 28406] *Eudocimus albus*.

84-005140 Shissler, Bryon P. and David E. Samuel. OBSERVATIONS OF MALE WOODCOCK ON SINGING GROUNDS. *Wilson Bull.* 95(4):655-656. Dec. 1983. WR 193
[Div. For., W. Va. Univ., Morgantown 26506] *Scolopax minor* in West Virginia.

84-005141 Siblet, Jean-Philippe and Yves Thonnerieux. OBSERVATION D'UNE MOUETTE DE FRANKLIN (*LARUS PIPIXCAN*) DANS LA RÉGION LYONNAISE ET MISE AU POINT SUR LE STATUT ACCIDENTEL DE L'ESPÈCE EN EUROPE. [OBSERVATION OF A FRANKLINS' GULL *LARUS PIPIXCAN* NEAR LYON, AND A SURVEY OF ITS OCCURRENCE IN EUROPE.] *Alauda* 52(1):56-64. 1984. In French with English summ. WR 193
[5 rue des Chênes, 77210 Avon, France]

84-005142 Silcock, W. Ross. A RUFF (*PHILOMACHUS PUGNAX*) IN SOUTHWEST IOWA. *Iowa Bird Life* 53(4):87-90. Dec. 1983. WR 193
[Box 300, Tabor, IA 51653]

84-005143 Smith, Fred T. H. AN AUSTRALIAN RECORD OF THE LESSER YELLOWLEGS. *Aust. Bird Watcher* 10(4):122-126. Dec. 1983. WR 193
[71 Cobden St., Kew, Victoria 3101, Australia] *Tringa flavipes*.

84-005144 Smith, Fred T. H. A RED-NECKED PHALAROPE *PHALAROPUS LOBATUS* AT POINT LONSDALE, VICTORIA. *Aust. Bird Watcher* 10(3):99-101. Sept. 1983. WR 193
[71 Cobden St., Kew, Victoria 3101, Australia]

84-005145 Spence, B. R. GREATER SAND PLOVER IN HUMBERSIDE. *Br. Birds* 76(12):574-575. Dec. 1983. WR 193
[Spurn Bird Observatory, Kilnsea, Hull HU12 0UG, England] *Charadrius leschenaultii* in England.

84-005146 Stephens, Martin L. EFFECTS OF NUMBER OF MATES ON MATERNAL CARE IN THE POLYANDROUS NORTHERN JACANA *(JACANA SPINOSA)*. *Wader Study Group Bull.* No. 39. p. 61. Dec. 1983. Abstract only. WR 193
[Dep. Biol., Univ. Chicago, Chicago, IL 60637]

84-005147 Stephens, Martin L. INTRASPECIFIC DISTRACTION DISPLAYS OF THE POLYANDROUS NORTHERN JACANA *JACANA SPINOSA*. *Ibis* 126(1):70-72. Jan. 1984. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005147 CONTINUED
[Allee Lab. Anim. Behav., Univ. Chicago, 940 E. 57th St., Chicago, IL 60637]

84-005148 Sueur, François. STATUT DE L'HUÎTRIER-PIE (*HAEMATOPUS OSTRALEGUS*) EN BAIE DE SOMME. [THE OYSTERCATCHERS' *HAEMATOPUS OSTRALEGUS* STATUS IN THE SOMME ESTUARY.] *Alauda* 52(1):51-55. 1984. In French with English summ. WR 193
[Travail Cent. Ornithol. Picarde, Salle Polyvalente de l'Ile Fagots 43, Chemin de Halage, 80000 Amiens, France]

84-005149 Summers, R. W. and M. Nicoll. AN UNCERTAIN FUTURE FOR BREEDING WADERS IN ICELAND. *Wader Study Group Bull.* No. 39. p. 32-33. Dec. 1983. WR 193
[353 Arbroath Rd., Dundee, Tayside, Scotland]

84-005150 Tacha, Thomas C. and Paul A. Vohs. SOME POPULATION PARAMETERS OF SANDHILL CRANES FROM MID-CONTINENTAL NORTH AMERICA. *J. Wildl. Manage.* 48(1):89-98. Jan. 1984. WR 193
[Coop. Wildl. Res. Units, 404 Life Sci. West, Okla. State Univ., Stillwater 74078] *Grus canadensis*.

84-005151 Talbot, J. N. SPECIATION OF FLAMINGOS. *Emu* 83(2):125. June 1983. WR 193
[29 Joyce Rd., Lesmurdie, Western Australia 6076, Australia] *Phoeniconaias minor* and *Phoenicopterus ruber*.

84-005152 Taylor, P. B. FIELD IDENTIFICATION OF SAND PLOVERS IN EAST AFRICA. *Dutch Birding* 5(2-3):37-66. June-Sept. 1983. In English. WR 193
[c/o St. Austin's Acad., P.O. Box 25138, Nairobi, Kenya] *Charadrius asiaticus*, *C. marginatus*, *C. alexandrinus*, *C. pallidus*, and *C. pecuarius*.

84-005153 Telfair, Raymond C. II and Larry E. Marcy. CATTLE EGRETS (*ARDEOLA IBIS = BUBULCUS IBIS*) IN TEXAS. *Tex. J. Sci.* 35(4):303-314. Jan. 1984. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843]

84-005154 Teyssèdre, Anne. COMPARAISON ACOUSTIQUE DE *LARUS ARGENTATUS ARGENTEUS*, *L. FUSCUS GRAELLSII*, *L. CACHINNANS* (?) *MICHAHELLIS* ET DU GOÉLAND ARGENTÉ À PATTES JAUNES CANTABRIQUE. [COMPARATIVE VOCALIZATIONS OF *LARUS ARGENTATUS ARGENTEUS*, *L. FUSCUS GRAELLSII*, *L. CACHINNANS* (?) *MICHAHELLIS* AND THE CANTABRIC YELLOW-LEGGED HERRING GULL.] *Behaviour* 88(1-2):13-33. 1984. In French with English summ. WR 193
[Lab. Etho-Ecol. Communications Anim., 75005 Paris, France]

84-005155 Theiss, Norbert and Franz Dieter. BRUTNACHWEISE DES FLUßUFERLÄUFERS *ACTITIS HYPOLEUCOS* 1982 IM OBEREN MAINTAL. [EVIDENCE OF BREEDING *ACTITIS HYPOLEUCOS* IN UPPER MAINTOL IN 1982.]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005155 CONTINUED *Anz. Ornithol. Ges. Bayern* 22(3):221-222. Dec. 1983. In German. WR 193
[Am. Weinberg 27, 8624 Ebersdorf, West Germany]

84-005156 Thompson, D. B. A. PREY ASSESSMENT BY PLOVERS (CHARADRIIDAE): NET RATE OF ENERGY INTAKE AND VULNERABILITY TO KLEPTOPARASITES. *Anim. Behav.* 31(4):1226-1236. Nov. 1983. WR 193
[Dep. Zool., Univ. Nottingham, University Park, Nottingham NG7 2RD, England]

84-005157 Thompson, D. B. A. and C. J. Barnard. OPTIMAL FORAGING IN MIXED SPECIES WADER GROUPS. *Wader Study Group Bull.* No. 39. p. 47. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Nottingham, Nottingham, England]

84-005158 Toft, Geir Olav. FOOD-STEALING IN TERRITORIAL AND NON-TERRITORIAL OYSTERCATCHERS DURING THE BREEDING SEASON. *Wader Study Group Bull.* No. 39. p. 49. Dec. 1983. Abstract only. WR 193
[Dep. Anim. Ecol., Zool. Mus., N-5014 Bergen/Univ., Norway] *Haematopus ostralegus* in Norway.

84-005159 Torres Esquivias, Jose A. and Amparo Leon Claveria. CONTRIBUCION AL CONOCIMIENTO DE LA DISTRIBUCION Y BIOLOGIA DE LA CIGUEÑA BLANCA (*CICONIA CICONIA*) EN LA PROVINCIA DE CORDOBA (ANDALUCIA, ESPAÑA). [CONTRIBUTION TO THE KNOWLEDGE OF THE DISTRIBUTION AND BIOLOGY OF THE WHITE STORK (*CICONIA CICONIA*) IN THE PROVINCE OF CORDOBA (ANDALUCIA, SPAIN).] *Bol. Estac. Cent. Ecol.* 11(21):43-47. 1982. In Spanish with English summ. WR 193
[Dep. Zool., Fac. Cienc., Univ. Córdoba, Córdoba, Spain]

84-005160 Torres, Patricio; Luis Figueroa and Andrés Saldivia. *STEPHANOPRORA DENTICULATA* (TREMATODA, ECHINOSTOMATIDAE) EN GAVIOTAS DEL SUR DE CHILE. [*STEPHANOPRORA DENTICULATA* (TREMATODA, ECHINOSTOMATIDAE) IN GULLS FROM THE SOUTH OF CHILE.] *Bol. Chil. Parasitol.* 38(1/2):33-34. Jan.-June 1983. In Spanish with English summ. WR 193

84-005161 Townshend, D. J. USE OF SPACE BY GREY PLOVERS: WHY DO INDIVIDUALS DIFFER? *Wader Study Group Bull.* No. 39. p. 51. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] *Pluvialis squatarola* in England.

84-005162 Tréca, Bernard. L'INFLUENCE DE LA SECHERESSE SUR LE RYTHME NYCTHEMERAL DES CHEVALIERS COMBATTANTS *PHILOMACHUS PUGNAX* AU SENEGAL. [THE INFLUENCE OF DROUGHT ON THE DAILY RHYTHM OF *PHILOMACHUS PUGNAX* IN SENEGAL.] *Malimbus* 5(2):73-77. 1983. In French with English summ. WR 193
[Mission ORSTOM, Bf 726 Bamako, Mali]

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005163 Tucker, Helen. JAEGERS AT GRAND MARAIS. *Loon* 55(4):176-177. 1983. WR 193
[Box 38, Millville, MN 55957] *Stercorarius parasiticus* in Minnesota.

84-005164 Tye, Alan. CASPIAN TERN FEEDING YOUNG IN WINTER QUARTERS. *Malimbus* 5(2):91. Dec. 1983. WR 193
[Dep. Zool., Fourah Bay Coll., Univ. Sierra Leone, Freetown, Sierra Leone] *Sterna caspia* in Sierra Leone.

84-005165 van den Berg, Arnoud B. VOORKOMEN VAN GRAUWE EN ROSSE FRANJEPOOT IN NEDERLAND IN 1970-81. [OCCURRENCE OF RED-NECKED AND GREY PHALAROPE IN NETHERLANDS IN 1970-81.] *Dutch Birding* 5(2-3):69-73. June-Sept. 1983. In Dutch with English summ. WR 193
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Phalaropus lobatus* and *P. fulicarius*.

84-005166 Van den Berg, Arnoud B. and Erik J. Maassen. KLEINE EN GROTE BURGEMEESTERS TE IJMUIDEN IN WINTER VAN 1982/83. [ICELAND AND GLAUCOUS GULLS AT IJMUIDEN IN WINTER OF 1982/83.] *Dutch Birding* 5(4):92-98. Dec. 1983. In Dutch with English summ. WR 193
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Larus glaucoides* and *Larus hyperboreus* in the Netherlands.

84-005167 Vassallo, Alfred. THE PECTORAL SANDPIPER - NEW RECORD TO MALTA. *Il-Merill* No. 22. p. 19. 1981-83. WR 193
[Fredor, Giuzeppina Curmi St., Zejtun, Malta] *Calidris melanotos*.

84-005168 Wanink, Jan and Leo Zwarts. THE FUNCTIONAL RESPONSE OF AN OPTIMALLY FORAGING OYSTERCATCHER. *Wader Study Group Bull*. No. 39. p. 45. Dec. 1983. Abstract only. WR 193
[Zool. Lab., Univ. Groningen, Postbox 14, 9750 AA Haren, Netherlands]

84-005169 Waters, Anne R. GREAT BLUE HERONS (WHITE MORPHS) SPEND THE SUMMER IN AUGUSTA. *Oriole* 47(1/2):14-15. Mar.-June 1982. WR 193
[1621 Apple Valley Dr., Augusta, GA 30906] *Ardea herodias* in Georgia.

84-005170 Webb, A.; T. M. Reed and T. D. Williams. THE HEBRIDEAN WADER SURVEY: DID THE OBSERVERS RECORD IN THE SAME WAY? *Wader Study Group Bull*. No. 39. p. 24-26. Dec. 1983. WR 193
[Nat. Conserv. Council, P.O. Box 6, George St., Huntingdon, Cambridgeshire, England]

84-005171 Weber, John W. STATUS OF THE SEMIPALMATED SANDPIPER IN WASHINGTON AND NORTHERN IDAHO. *Continental Birdlife* 2(5/6):150-153. Oct./Dec. 1981. WR 193
[Dep. Civil & Environ. Eng., Wash. State Univ., Pullman 91164] *Calidris pusilla*.

84-005172 Weber, John W. NEW TERN RECORDS FROM SOUTHEASTERN WASHINGTON AND NORTHERN IDAHO. *Continental Birdlife* 2(5/6):160-164. Oct./Dec. 1981. WR 193

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005172 CONTINUED
[Dep. Civil & Environ. Eng., Wash. State Univ., Pullman 91164] *Sterna forsteri, S. hirundo, S. paradisaea, S. caspia* and *Chlidonias niger*.

84-005173 Wenner, Anne Shapiro and Stephen A. Nesbitt. THE FATE OF TRANSLOCATED SANDHILL CRANES AFTER 10 YEARS. *Fla. Field Nat.* 12(1):19-20. Feb. 1984. WR 193
[Wildl. Res. Lab., Fla. Game & Fresh Water Fish Comm., 4005 S. Main St., Gainesville 32601] *Grus canadensis pratensis* in Florida.

84-005174 Whitfield, D. Philip. THE SOCIAL SIGNIFICANCE OF BREEDING PLUMAGE VARIABILITY IN THE TURNSTONE. *Wader Study Group Bull.* No. 39. p. 49. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Edinburgh, W. Mains Rd., Edinburgh EH9 3JT, Scotland] *Arenaria interpres* in Finland.

84-005175 Wilson-Jacobs, Ruth and E. Charles Meslow. DISTRIBUTION, ABUNDANCE, AND NESTING CHARACTERISTICS OF SNOWY PLOVERS ON THE OREGON COAST. *Northwest Sci.* 58(1):40-48. Feb. 1984. WR 193
[140 Cliffside Dr., Grants Pass, OR 97527] *Charadrius alexandrinus*.

84-005176 Wischusen, E. William; Robert S. Kennedy and Stephen E. Gast. FIRST RECORD OF THE RED PHALAROPE FROM THE PHILIPPINES. *Auk* 101(1):185. Jan. 1984. WR 193
[Haribon Soc., Rm. 435, Makati Stock Exchange Bldg., Ayala Ave., Makati, Metro Manila Philippines] *Phalaropus fulicaria*.

84-005177 Wood, A. G. GREY PLOVER TIME BUDGETS - A HARD DAY'S NIGHT. *Wader Study Group Bull.* No. 39. p. 51. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Durham, South Rd., Durham DH1 3LE, England] *Pluvialis squatarola* in England.

84-005178 Wood, D. Scott. CONCORDANCE BETWEEN CLASSIFICATIONS OF THE CICONIIDAE BASED ON BEHAVIORAL AND MORPHOLOGICAL DATA. *J. Ornithol.* 125(1):25-37. 1984. In English with German summ. WR 193
[Section Birds, Carnegie Mus. Nat. Hist., 4400 Forbes Ave., Pittsburgh, PA 15213]

84-005179 Worrall, D. H. SEASONAL CHANGES IN THE SPACING PATTERN OF FEEDING DUNLINS. *Wader Study Group Bull.* No. 39. p. 41. Dec. 1983. Abstract only. WR 193
[Dep. Zool., Univ. Coll., Cardiff, Wales] *Calidris alpina* in Wales.

84-005180 Young, Hywel Glyn. SARUS CRANES. *R. Zool. Soc. Scotland Annu. Rep.* 70:44-46. 1982. WR 193
Grus antigone antigone and *G. a. sharpir*.

SHOREBIRDS, MARSHBIRDS, AND ALLIES (CONTINUED)

84-005181 Zembal, Richard and Barbara W. Massey. THE LIGHT-FOOTED CLAPPER RAIL: DISTRIBUTION, NESTING STRATEGIES, AND MANAGEMENT. *Cal-Neva Wildl. Trans.* 1983:97-103. 1983. WR 193
[U.S. Fish & Wildl. Serv., 24000 Avila Rd., Laguna Niguel, CA 92677] *Rallus longirostris levipes* in California.

84-005182 Zubakin, V. A. and V. O. Avdanin. [PECULIARITIES OF COLONIAL NESTING IN *RHODOSTETHIA ROSEA*.] *Zool. Zh.* 62(11):1754-1756. Nov. 1983. In Russian with English summ. WR 193
[Inst. Anim. Evol. Morphol. & Ecol., Acad. Sci., Moscow, USSR]

SEABIRDS AND ALLIES

84-005183 Avery, G. BANK CORMORANTS *PHALACROCORAX NEGLECTUS* TAKING CAPE ROCK LOBSTER *JASUS LALANDII*. *Cormorant* 11(1/2):45-48. Dec. 1983. WR 193
[S. Afr. Mus., P.O. Box 61, Cape Town 8000, South Africa]

84-005184 Berruti, A.; A. M. Griffiths; M. J. Imber; M. Schramm and J. C. Sinclair. THE STATUS OF SEABIRDS AT PRINCE EDWARD ISLAND. *S. Afr. J. Antarct. Res.* 10/11:31-32. 1981. In English with Afrikaans summ. WR 193
[FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005185 Bourne, W. R. P. THE APPEARANCE AND CLASSIFICATION OF THE *COOKILARIA* PETRELS. *Sea Swallow* 32:65-71. 1981/82. WR 193
Pterodroma spp. in the Pacific Ocean.

84-005186 Briggs, Kenneth T.; Wm. Breck Tyler; David B. Lewis; Paul R. Kelly and Donald A. Croll. BROWN PELICANS IN CENTRAL AND NORTHERN CALIFORNIA. *J. Field Ornithol.* 54(4):353-373. 1983. WR 193
[Cent. Coastal Mar. Stud., Univ. Calif., Santa Cruz 95064] *Pelecanus occidentalis*.

84-005187 Broni, S. C. AN APPARENT INSTANCE OF COURTSHIP FEEDING IN THE JACKASS PENGUIN *SPHENISCUS DEMERSUS*. *Cormorant* 11(1/2):63-64. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005188 Brooke, R. K. and R. P. Borrett. SEABIRDS OBSERVED AT BEIRA, MOZAMBIQUE, IN LATE MARCH 1961. *Cormorant* 11(1/2):61-62. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

SEABIRDS AND ALLIES (CONTINUED)

84-005189 Brooke, R. K. NEW DATA ON RARELY RECORDED SEABIRDS IN SOUTHERN AFRICA: BLUE PETREL. *Cormorant* 11(1/2):67. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Halobaena caerulea*.

84-005190 Brown, Christopher R. RESTING METABOLIC RATE AND ENERGETIC COST OF INCUBATION IN MACARONI PENGUINS *(EUDYPTES CHRYSOLOPHUS)* AND ROCKHOPPER PENGUINS *(E. CHRYSOCOME)*. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(2):345-350. 1984. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005191 Bruce, D. G. OBSERVATIONS OF SEABIRDS FROM H.M.S. *HECLA* DURING THE FALKLANDS CAMPAIGN APRIL-JULY 1982. *Sea Swallow* 32:54-58. 1981/82. WR 193
[13 High St., Old Portsmouth, Hants. PO1 2LP, England]

84-005192 Byrd, G. Vernon; John L. Sincock; Thomas C. Telfer; Daniel I. Moriarty and Barry G. Brady. A CROSS-FOSTERING EXPERIMENT WITH NEWELL'S RACE OF MANX SHEARWATER. *J. Wildl. Manage.* 48(1):163-168. Jan. 1984. WR 193
[Aladdin Rt. Box 160E, Colville, WA 99114] *Puffinus puffinus newelli* in Hawaii.

84-005193 Carter, Michael. STREAKED SHEARWATERS IN NORTHERN AUSTRALIA. *Aust. Bird Watcher* 10(4):113-121. Dec. 1983. WR 193
[30 Canadian Bay Rd., Mount Eliza, Victoria 3930, Australia] *Calonectris leucomelas*.

84-005194 Chapman, Stephen E. NOTES ON SEABIRD REPORTS RECEIVED 1981-82. *Sea Swallow* 32:12-21. 1981/82. WR 193

84-005195 Cooper, J. NEW DATA ON RARELY RECORDED SEABIRDS IN SOUTHERN AFRICA: MACARONI PENGUIN. *Cormorant* 11(1/2):67. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Eudyptes chrysolophus*.

84-005196 Cooper, J.; R. K. Brooke; P. A. Shelton and R. J. M. Crawford. DISTRIBUTION, POPULATION SIZE AND CONSERVATION OF THE CAPE CORMORANT *PHALACROCORAX CAPENSIS*. *Fish. Bull. S. Afr.* 16:121-143. 1982. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005197 Cordonnier, P. A SECOND BROOD OF DALMATIAN PELICANS *PELECANUS CRISPUS* IN CAPTIVITY AT THE PARK OF VILLARS-LES-DOMBES FRANCE. *Avic. Mag.* 89(3):151-153. July-Sept. 1983. WR 193

84-005198 Crawford, R. J. M.; P. A. Shelton; J. Cooper and R. K. Brooke. DISTRIBUTION, POPULATION SIZE AND CONSERVATION OF THE CAPE GANNET *MORUS CAPENSIS*. *S. Afr. J. Mar. Sci.* 1:153-174. 1983. In English with

SEABIRDS AND ALLIES (CONTINUED)

84-005198 CONTINUED Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005199 Dannenberg, Robert. CAPPED PETREL IN NORTH-EASTERN NORTH ATLANTIC OCEAN IN FEBRUARY 1980. *Dutch Birding* 5(4):85-86. Dec. 1983. In English. WR 193
[Dachsberg 5f, 2000 Hamburg 61, West Germany] *Pterodroma hasitata*.

84-005200 Davis, Ricky and Allen Bryan. AN ADDITIONAL RED-BILLED TROPICBIRD SIGHTED IN NORTH CAROLINA OFFSHORE WATERS. *Chat* 47(4):100-101. 1983. WR 193
[2310 Glascock St., Raleigh, NC 27610] *Phaethon aethereus*.

84-005201 Everett, M. J.; P. J. Robinson and M. A. Ogilvie. MUTUAL DISPLAY BY GANNETS AT SEA. *Br. Birds* 77(3):107-108. Mar. 1984. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Sula bassana*.

84-005202 Every, B. SECOND RECORD OF MAINLAND BREEDING BY THE JACKASS PENGUIN *SPHENISCUS DEMERSUS*. *Cormorant* 11(1/2):62. Dec. 1983. WR 193
[Box 1305, Port Elizabeth 6000, South Africa]

84-005203 Folster, David and David K. Cairns. LIFE ON THE EDGE. *Nat. Can. (Ottawa)* 11(2):41-52. Apr.-June 1982. WR 193

84-005204 Furness, Bridget L. and R. C. Laugksch. AN ATTEMPT TO USE BARIUM MEALS AND X-RAY PHOTOGRAPHY TO DETERMINE GASTRIC EVACUATION RATE AND GUT RETENTION TIME IN JACKASS PENGUINS *SPHENISCUS DEMERSUS*. *Cormorant* 11(1/2):3-6. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005205 Gallagher, Michael. THE KURIA MURIAS RE-VISITED - AND THE DISCOVERY OF PERSIAN SHEARWATER NESTING. *R. Air Force Ornithol. Soc. J.* No. 14. p. [147-151.] Nov. 1983. WR 193
Puffinus assimilis in the Arabian Sea and area.

84-005206 Grant, Gilbert S.; John Warham; Ted N. Pettit and G. Causey Whittow. REPRODUCTIVE BEHAVIOR AND VOCALIZATIONS OF THE BONIN PETREL. *Wilson Bull.* 95(4):522-539. Dec. 1983. WR 193
[N.C. State Mus. Nat. Hist., P.O. Box 27647, Raleigh 27611] *Pterodroma hypoleuca* on Midway Atoll.

84-005207 Guzman, Juan R. and M. T. Myres. THE OCCURRENCE OF SHEARWATERS (*PUFFINUS* SPP.) OFF THE WEST COAST OF CANADA. *Can. J. Zool.* 61(9):2064-2077. Sept. 1983. In English with French summ. WR 193
[Dep. Biol., Univ. Calgary, Calgary, Alberta, Canada T2N 1N4]

SEABIRDS AND ALLIES (CONTINUED)

84-005208 Harding, Elliot. LESSER FRIGATEBIRD *FREGATA ARIEL*. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 32. July-Aug. 1982. WR 193
[P.O. Box 1151, Arawa, Papua New Guinea]

84-005209 Harper, Peter C. BIOLOGY OF THE BULLER'S SHEARWATER (*PUFFINUS BULLERI*) AT THE POOR KNIGHTS ISLANDS, NEW ZEALAND. *Notornis* 30(4):299-318. Dec. 1983. WR 193
[Dep. Extension Studies, Univ. Canterbury, Christchurch 1, New Zealand]

84-005210 Harrison, P. LAYSAN ALBATROSS *DIOMEDEA IMMUTABILIS*: NEW TO THE INDIAN OCEAN. *Cormorant* 11(1/2):39-44. Dec. 1983. WR 193
[Trevescan Farm House, Trevescan, Sennen, Penzance, Cornwall, England]

84-005211 Hawkey, C. M.; S. L. Pugsley and J. A. Knight. ABNORMAL HETEROPHILS IN A KING SHAG WITH ASPERGILLOSIS. *Vet. Rec.* 114(13):322-324. 31 Mar. 1984. WR 193
[Dep. Vet. Sci., Inst. Zool., Zool. Soc. London, Regent's Park, London NW1 4RY, England]

84-005212 Hockey, P. A. R. NEW BREEDING LOCALITY DATA FOR SOUTHERN AFRICAN SEABIRDS. *Cormorant* 11(1/2):64. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Phalacrocorax carbo* and *P. coronatus* in South Africa.

84-005213 Hunter, Stephen. IDENTIFICATION OF GIANT PETRELS *MACRONECTES* SPP. *Sea Swallow* 32:72-77. 1981/82. WR 193
[Nat. Environ. Res. Council, High Cross, Madingley, Cambrigde, England CB3 OET]

84-005214 Imber, M. J. THE LESSER PETRELS OF ANTIPODES ISLANDS, WITH NOTES FROM PRINCE EDWARD AND GOUGH ISLAND. *Notornis* 30(4):283-298. Dec. 1983. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch, South Africa]

84-005215 Jacob, Jürgen and Heinrich Hoerschelmann. DIE KOMPOSITION DER BÜRZELWACHSE VON KAISER- (*APTENODYTES FORSTERI*) UND ADELIEPINGUIN (*PYGOSCELIS ADELIAE*) UND DEREN SYSTEMATISCHE STELLUNG. [THE COMPOSITION OF UROPYGIAL GLAND SECRETIONS OF *APTENODYTES FORSTERI* AND *PYGOSCELIS ADELIAE* AND THE SYSTEMATIC POSITION OF THE SPECIES.] *J. Ornithol.* 125(1):97-101. 1984. In German with English summ. WR 193
[Biochem. Inst. Umweltcarcinogene, Sieker Landstr. 19, D-2070 Ahrensburg, West Germany]

84-005216 James, Paul C. SEXUAL DIMORPHISM IN THE VOICE OF THE BRITISH STORM PETREL *HYDROBATES PELAGICUS*. *Ibis* 126(1):89-92. Jan. 1984. WR 193
[Univ. Oxford, Edward Grey Inst., Dep. Zool., South Parks Rd., Oxford OX1 3PS, England]

84-005217 Jenkins, Robert L. MARINE BIRDS INJURED BY WELDING RODS. *Fla. Field Nat.* 12(1):15-16. Feb. 1984. WR 193
[Natl. Aquarium, Pier 3, 501 E. Pratt St., Baltimore, MD 21202]

84-005218 King, B. R. and others. SEABIRD ISLANDS: NO. 127-NO. 137. *Corella* 7(4):69-92. Nov. 1983. WR 193
[Natl. Parks & Wildl. Serv., Northern Regional Cent., Pallarenda, Townsville, Queensland 4810, Australia] Special issue devoted to Seabird Island items. Contents: No. 127 MacLennan Cay, Great Barrier Reef, Queensland..B. R. King, C. J. Limpus, D. H. C. Seton and G. R. Tomes..69; No. 128 Pandora Cay, Great Barrier Reef, Queensland..B. R. King, C. J. Limpus; D. H. C. Seton and G. R. Tomes..71; No. 129 Ashmore Banks, Great Barrier Reef, Queensland..B. R. King and C. J. Limpus..74; No. 130 Sandbank No. 8, Great Barrier Reef, Queensland..B. R. King, C. J. Limpus and D. H. C. Seton..76; No. 131 Sandbank No. 7, Great Barrier Reef, Queensland..B. R. King and C. J. Limpus..78; No. 132 Hippolyte Rocks, Tasmania..N. P. Brothers and I. J. Skira..80; No. 133 The Thumbs, Tasmania..N. P. Brothers..83; No. 134 Southport Island, Tasmania..N. P. Brothers..85; No. 135 Blanche Rock, Tasmania..N. P. Brothers..87; No. 136 Actaeon Island, Tasmania..N. P. Brothers..89; No. 137 Sterile Island, Tasmania..N. P. Brothers..91.

84-005219 Kuroda, Nagahisa. SOME OSTEOLOGICAL NOTES ON PROCELLARIIFORMES. *Tori* 32(2/3):41-61. Oct. 1983. In English with Japanese summ. WR 193
[Yamashina Inst. Ornithol., 8-20 Nampeidai-machi, Shibuya-ku, Tokyo 150, Japan]

84-005220 Lane, S. G. and G. White. NESTING OF THE SOOTY SHEARWATER IN AUSTRALIA. *Emu* 83(2):117-118. June 1983. WR 193
[Lot G, Fairview Rd., Moonee, Via Coffs Harbour, New South Wales 2450, Australia]

84-005221 Lill, Alan and J. Baldwin. WEIGHT CHANGES AND THE MODE OF DEPOT FAT ACCUMULATION IN MIGRATORY SHORT-TAILED SHEARWATERS. *Aust. J. Zool.* 31(6):891-902. 1983. WR 193
[Psychol. & Zool. Dep., Monash Univ., Clayton, Victoria 3168, Australia] *Puffinus tenuirostris* in Australia.

84-005222 Lindeboom, H. J. THE NITROGEN PATHWAY IN A PENGUIN ROOKERY. *Ecology* 65(1):269-277. Feb. 1984. WR 193
[Delta Inst. Hydrobiol. Res., Vierstraat 28, 4401 EA Yerseke, Netherlands] *Aptenodytes patagonicus* and *Eudyptes chrysolophus* on Marion Island.

84-005223 Müller, Hartmut E. and Dietmar Königstedt. ZUR UNTERART-ZUGEHÖRIGKEIT BULGARISCHER SCHWARZSCHNABEL-STURMTAUCHER (*PUFFINUS PUFFINUS*) (AVES, PROCELLARIIDAE). [ON THE SUBSPECIFIC IDENTITY OF BULGARIAN MANX SHEARWATERS (*PUFFINUS PUFFINUS*).] *Zool. Abh. (Dres.)* 39(1):61-65. 1983. In German with English summ. WR 193
[Post Thurow, Naturschutz Station, 2081 Serrahn, East Germany]

84-005224 Marin A., Manuel. BREEDING RECORD FOR THE SOOTY SHEARWATER (*PUFFINUS GRISEUS*) FROM CHILOE ISLAND, CHILE. *Auk* 101(1):192. Jan. 1984. WR 193
[Western Foundation Vertebr. Zool., 1100 Glendon Ave., Los Angeles, CA 90024]

SEABIRDS AND ALLIES (CONTINUED)

84-005225 Marion, Loïc. PROBLÈMES BIOGÉOGRAPHIQUES, ÉCOLOGIQUES. ET TAXONOMIQUES POSÉS PAR LE GRAND CORMORAN *PHALACROCORAX CARBO*. [BIOGEOGRAPHIC, ECOLOGIC AND TAXONOMIC PROBLEMS RELATED TO THE GREAT CORMORANT *PHALACROCORAX CARBO*.] *Terre Vie* 38(1):65-99. 1983. In French with English summ. WR 193
[Campus Beaulieu, Ave. Général-Leclerc, 35042 Rennes, France]

84-005226 Meeth, P. and K. Meeth. SEABIRD OBSERVATIONS FROM SIX PACIFIC OCEAN CROSSINGS. *Sea Swallow* 32:58-65. 1981/82. WR 193
[Bramenlaan 5, 2116 TR Bentreld, Netherlands]

84-005227 Montevecchi, W. A.; I. R. Kirkham; D. D. Roby and K. L. Brink. SIZE, ORGANIC COMPOSITION, AND ENERGY CONTENT OF LEACH'S STORM-PETREL (*OCEANODROMA LEUCORHOA*) EGGS WITH REFERENCE TO POSITION IN THE PRECOCIAL-ALTRICIAL SPECTRUM AND BREEDING ECOLOGY. *Can. J. Zool.* 61(7):1457-1463. July 1983. In English with French summ. WR 193
[Inst. Cold Ocean Sci., Memorial Univ. Newfoundland, St. John's, Newfoundland, Canada A1B 3X9]

84-005228 Morgan, W. A. FEEDING METHODS OF THE SHORT-TAILED SHEARWATER *PUFFINUS TENUIROSTRIS*. *Emu* 82(4):226-227. Dec. 1982. WR 193
[Dep. Zool., Univ. Tasmania, G.P.O. Box 252C, Hobart, Tasmania 7001, Australia]

84-005229 Morse, Douglass H. and Stephen W. Kress. THE EFFECT OF BURROW LOSS ON MATE CHOICE IN THE LEACH'S STORM-PETREL. *Auk* 101(1):158-160. Jan. 1984. WR 193
[Div. Biol. & Med., Brown Univ., Providence, RI 02912] *Oceanodroma leucorhoa* in Maine.

84-005230 Palma, Ricardo L. and Robert L. C. Pilgrim. THE GENUS *BEDFORDIELLA* (MALLOPHAGA: PHILOPTERIDAE) AND A NOTE ON THE LICE FROM THE KERGUELEN PETREL (*PTERODROMA BREVIROSTRIS*). *Natl. Mus. N.Z. Rec.* 2(13):145-150. 19 Aug. 1983. WR 193
[Natl. Mus. New Zealand, Wellington, New Zealand]

84-005231 Pettit, Ted N.; G. Vernon Byrd; G. Causey Whittow and Michael P. Seki. GROWTH OF THE WEDGE-TAILED SHEARWATER IN THE HAWAIIAN ISLANDS. *Auk* 101(1):103-109. Jan. 1984. WR 193
[Dep. Physiol., John A. Burns School Med., Univ. Hawaii, Honolulu 96822] *Puffinus pacificus*.

84-005232 Pilon, Christian; Jean Burton and Raymond McNeil. SUMMER FOOD OF THE GREAT AND DOUBLE-CRESTED CORMORANTS ON THE MAGDALEN ISLANDS, QUEBEC. *Can. J. Zool.* 61(12):2733-2739. Dec. 1983. In English with French summ. WR 193
[Minist. Loisir, Chasse & Pêche, 180 Boul. Rideau, Noranda, Québec, Canada J9X 1N9] *Phalacrocorax carbo* and *P. auritus*.

84-005233 Reed, M. and John L. McKean. A NORTHERN TERRITORY SPECIMEN OF HUTTON'S SHEARWATER. *Emu* 82(4):230. Dec. 1982. WR 193
[Conserv. Comm., P.O. Box 477, Katherine, Northern Territory 5780, Australia] *Puffinus huttoni* in Australia.

SEABIRDS AND ALLIES (CONTINUED)

84-005234 Reilly, P. N. and J. M. Cullen. THE LITTLE PENGUIN *EUDYPTULA MINOR* IN VICTORIA III. DISPERSAL OF CHICKS AND SURVIVAL AFTER BANDING. *Emu* 82(3):137-142. Aug. 1982. WR 193
[19 Lialeeta Ave., Fairhaven, Victoria 3221, Australia]

84-005235 Reilly, P. N. and J. M. Cullen. THE LITTLE PENGUIN *EUDYPTULA MINOR* IN VICTORIA, IV: MOULT. *Emu* 83(2):94-98. June 1983. WR 193
[19 Lialeeta Ave., Fairhaven, Victoria 3221, Australia]

84-005236 Roby, Daniel D. and Robert E. Ricklefs. OBSERVATIONS ON THE COOLING TOLERANCE OF EMBRYOS OF THE DIVING PETREL *PELECANOIDES GEORGICUS*. *Auk* 101(1):160-161. Jan. 1984. WR 193
[Dep. Biol., Univ. Pa., Philadelphia 19104]

84-005237 Schmalz, Georgann. ANHINGA SIGHTING NEAR CARTERSVILLE. *Oriole* 47(1/2):14. Mar.-June 1982. WR 193
[Ferbank Sci. Cent., 156 Heaton Park Dr., NE, Atlanta, GA 30307] *Anhinga anhinga* in Georgia.

84-005238 Schramm, M. THE BREEDING BIOLOGIES OF THE PETRELS *PTERODROMA MACROPTERA*, *P. BREVIROSTRIS* AND *P. MOLLIS* AT MARION ISLAND. *Emu* 83(2):75-81. June 1983. WR 193
[Zool. Dep., Univ. Transkei, Private Bag X5092, Umtata, Transkei, South Africa]

84-005239 Shelton, P. A.; R. J. M. Crawford; F. Kriel and J. Cooper. METHODS USED TO CENSUS THREE SPECIES OF SOUTHERN AFRICAN SEABIRDS, 1978-1981. *Fish. Bull. S. Afr.* 16:115-120. 1982. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *Sula capensis*, *Phalacrocorax capensis*, and *Spheniscus demersus*.

84-005240 Stevenson, Miranda F. BREEDING AND HAND-REARING THE ROCKHOPPER PENGUIN (*EUDYPTES CRESTATUS*) AT EDINBURGH ZOO. *R. Zool. Soc. Scotland Annu. Rep.* 69:30-39. Dec. 1981. WR 193

84-005241 Sykes, Paul W., Jr.; Howard P. Langridge and Tadziu Trotsky. SIGHT RECORD OF BAND-RUMPED STORM-PETREL OFF THE COAST OF PALM BEACH COUNTY, FLORIDA. *Fla. Field Nat.* 12(1):17-18. Feb. 1984. WR 193
[4195 Maurice Dr., Delray Beach, FL 33445] *Oceanodroma castro*.

84-005242 Thorleifsson, Einar. SKÚMUR VERPUR Í THJÓRSÁRVERUM. [*STERCORARIUS SKUA* BREEDING FAR INLAND.] *Bliki* 2:10-11. Dec. 1983. In Icelandic with English summ. WR 193
[Langholtsvegi 138, 104 Reykjavík, Iceland]

84-005243 Tindle, R. THE EVOLUTION OF BREEDING STRATEGIES IN THE FLIGHTLESS CORMORANT (*NANNOPTERUM HARRISI*) OF THE GALAPAGOS. *Biol. J. Linn. Soc.* 21(1-2):157-164. Jan.-Feb. 1984. WR 193
[Charles Darwin Res. Stn., Galapagos Islands, Ecuador]

SEABIRDS AND ALLIES (CONTINUED)

84-005244 Tingay, A. and others. SEABIRD ISLANDS: NO. 113-NO. 126. *Corella* 6(3):49-76. Aug. 1982. WR 193
[13 Kensitt St., Stoneville, Western Australia 6554, Australia] Special issue devoted to seabird island items. Contents: No. 113 Middle Island, Archipelago of the Recherche, Western Australia..A. Tingay and S. R. Tingay..49; No. 114 Nares Island, Archipelago of the Recherche, Western Australia..S. G. Lane..51; No. 115 Lorraine Island, Archipelago of the Recherche, Western Australia..S. G. Lane..53; No. 116 Ram Island, Archipelago of the Recherche, Western Australia..S. G. Lane..55; No. 117 MacKenzie Island, Archipelago of the Recherche, Western Australia..S. G. Lane..57; No. 118 Hood Island, Archipelago of the Recherche, Western Australia..A. Tingay and S. R. Tingay..59; No. 119 Frederick Island, Archipelago of the Recherche, Western Australia..S. G. Lane..61; No. 120 Sandy Hook Island, Archipelago of the Recherche, Western Australia..A. Tingay and S. R. Tingay..63; No. 121 Remark Island, Archipelago of the Recherche, Western Australia..S. G. Lane..65; No. 122 Long Island, Archipelago of the Recherche, Western Australia..S. G. Lane..67; No. 123 Cull Island, Archipelago of the Recherche, Western Australia..S. G. Lane..69; No. 124 Observatory Island, Archipelago of the Recherche, Western Australia..S. G. Lane..71; No. 125 Canning Island, Archipelago of the Recherche, Western Australia..A. K. Daw..73; No. 126 Figure of Eight Island, Archipelago of the Recherche, Western Australia..75.

84-005245 Van den Berg, Arnoud B. SOFT-PLUMAGED PETRELS IN MADEIRAN ISLANDS. *Dutch Birding* 5(4):102. Dec. 1983. In English. WR 193
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Pterodroma mollis*.

84-005246 Vassallo, Alfred. CORY'S SHEARWATER FEEDING ON DOGFISH'S LIVER. *Il-Merill* No. 22. p. 20. 1981-83. WR 193
[Fredor, Guizeppina Curmi St., Zejtun, Malta] *Calonectris diomedea* in Malta.

84-005247 Warham, John and S. L. Bennington. A CENSUS OF BULLER'S ALBATROSS *DIOMEDEA BULLERI* AT THE SNARES ISLANDS, NEW ZEALAND. *Emu* 83(2):112-114. June 1983. WR 193
[Dep. Zool., Univ. Canterbury, Christchurch 1, New Zealand]

84-005248 Watkins, B. P. SEABIRD OBSERVATIONS AT BOUVET ISLAND. *S. Afr. J. Antarct. Res.* 10/11:38-40. 1981. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa]

84-005249 Williams, A. J. and Pamela A. Laycock. EUPHAUSIIDS IN THE DIET OF SOME SUB-ANTARCTIC *EUDYPTES* PENGUINS. *S. Afr. J. Antarct. Res.* 10/11:27-28. 1981. In English with Afrikaans summ. WR 193
[Percy FitzPatrick Inst. Afr. Ornithol., Univ. Cape Town, Rondebosch 7700, South Africa] *E. chrysocome* and *E. chrysolophus*.

84-005250 Williams, A. J. and J. Cooper. THE CROWNED CORMORANT: BREEDING BIOLOGY, DIET AND OFFSPRING-REDUCTION STRATEGY. *Ostrich* 54(4):213-219. Dec. 1983. WR 193
[Directorate Nat. Conserv., Private Bag 13306, Windhoek, Namibia/South West Africa] *Phalacrocorax coronatus* in South Africa.

SEABIRDS AND ALLIES (CONTINUED)

84-005251 Williams, Joseph B. and Robert E. Ricklefs. EGG TEMPERATURE AND EMBRYO METABOLISM IN SOME HIGH-LATITUDE PROCELLARIIFORM BIRDS. *Physiol. Zool.* 57(1):118-127. Jan./Feb. 1984. WR 193
[Nat. Sci. Div., Pepperdine Univ., Malibu, CA 90265]

RAPTORS

84-005252 Andrews, R. D. and G. J. Fay. PRELIMINARY RESULTS OF AMERICAN KESTREL NEST BOX STUDY IN NORTH-CENTRAL IOWA. *Proc. Iowa Acad. Sci.* 91(1):100. Mar. 1984. Abstract only. WR 193
[Iowa Conserv. Comm., 1203 N. Shore Dr., Clear Lake 50428] *Falco sparverius*.

84-005253 Ansell, Allan R. EAGLES SAVED FROM ELECTROCUTION. *U.S. Dep. Agric. Yearb. Agric.* 1983:114-121. 1983. WR 193

84-005254 Apanius, Victor; Stanley A. Temple and Marsha Bale. SERUM PROTEINS OF WILD TURKEY VULTURES (*CATHARTES AURA*). *Comp. Biochem. Physiol. B Comp. Biochem.* 76(4):907-913. 1983. WR 193
[Dep. Wildl. Ecol., Univ. Wis., Madison]

84-005255 Arlott, Norman. AERIAL DISPLAY OF BLACK-SHOULDERED KITE. *Br. Birds* 77(1):22. Jan. 1984. WR 193
[Hill House, School Rd., Tilney St. Lawrence, King's Lynn, Norfolk, England] *Elanus caeruleus* in Kenya.

84-005256 Armstrong, Edward and David Euler. HABITAT USAGE OF TWO WOODLAND *BUTEO* SPECIES IN CENTRAL ONTARIO. *Can. Field-Nat.* 97(2):200-207. Apr.-June 1983. WR 193
[Ontario Minist. Nat. Resour., Queen's Park, Toronto, Ontario, Canada M7A 1W3] *B. platypterus* and *B. lineatus*.

84-005257 Austin-Smith, Peter J. and Glen Rhodenizer. OSPREYS, *PANDION HALIAETUS*, RELOCATE NESTS FROM POWER POLES TO SUBSTITUTE SITES. *Can. Field-Nat.* 97(3):315-319. July-Sept. 1983. WR 193
[Dep. Lands & For., Kentville, Nova Scotia, Canada B4N 3X3]

84-005258 Baker-Gabb, D. J. and J. D. Pettigrew. NON-BREEDING DIET OF THE LETTER-WINGED KITE IN NORTH-EASTERN SOUTH AUSTRALIA. *Corella* 6(1):19-20. Mar. 1982. WR 193
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia]

84-005259 Baker-Gabb, D. J. ASYNCHRONOUS HATCHING, FRATRICIDE AND DOUBLE CLUTCHES IN THE MARSH HARRIER. *Corella* 6(4):83-86. Sept. 1982. WR 193
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia] *Circus aeruginosus* in Australia.

RAPTORS (CONTINUED)

84-005260 Baker-Gabb, D. J. OBSERVATIONS ON THE MATING SYSTEM AND BREEDING SUCCESS OF MARSH HARRIERS IN COASTAL SOUTH-EASTERN AUSTRALIA. *Corella* 7(5):109-113. Dec. 1983. WR 193
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia] *Circus aeruginosus*.

84-005261 Balzan, Saviour and Natalino Fenech. MARSH HARRIERS ROOSTING IN TREES. *Il-Merill* No. 22. p. 19-20. 1981-83. WR 193
[Villa Strakham, Scythe St., Misrah Kola, Attard, Malta] *Circus aeruginosus* in Malta.

84-005262 Barksdale, Timothy R. and Richard A. Rowlett. STATUS OF THE GYRFALCON IN MISSOURI, WITH NOTES ON FIELD IDENTIFICATION. *Continental Birdlife* 2(5/6):154-157. Oct./Dec. 1981. WR 193
[408 N. William St., Columbia, MO 65201] *Falco rusticolis*.

84-005263 Baumgart, Wolfgang. DIE JAGDFLUGGESCHWINDIGKET DER STEPPENWEIHE (*CIRCUS MACROURUS*). [THE HUNTING FLIGHT SPEED OF *CIRCUS MACROURUS*.] *Beitr. Vogelkd.* 29(3):177. 1983. In German. WR 193
[Grumbkowstr. 2a, 1110 Berlin, East Germany]

84-005264 Bijlsma, Rob G. THE MIGRATION OF RAPTORS NEAR SUEZ, EGYPT, AUTUMN 1981. *Sandgrouse* No. 5. p. 19-44. 1983. WR 193
[Bovenweg 36, 6721 HZ Bennekom, Netherlands]

84-005265 Bird, David M. and Robert G. Clark. GROWTH OF BODY COMPONENTS IN PARENT- AND HAND-REARED CAPTIVE KESTRELS. *Raptor Res.* 17(3):77-84. 1983. WR 193
[Raptor Res. Cent., Macdonald Campus, McGill Univ., 21,111 Lakeshore Rd., Ste-Anne de Bellevue, Québec, Canada H9X 1C0] *Falco sparverius*.

84-005266 Bird, David M. and Claire Massari. EFFECTS OF DIETARY SODIUM FLUORIDE ON BONE FLUORIDE LEVELS AND REPRODUCTIVE PERFORMANCE OF CAPTIVE AMERICAN KESTRELS. *Environ. Pollut. Ser. A Ecol. Biol.* 31(1):67-76. May 1983. WR 193
[Macdonald Raptor Res. Cent., McGill Univ., 21,111 Lakeshore Rd., Ste Anne de Bellevue, Quebec, Canada H9X 1C0] *Falco sparverius*.

84-005267 Björnsson, Hálfdán. VATNAGLEDA KEMUR TIL ÍSLANDS. [BLACK KITE *MILVUS MIGRANS* FOUND IN ICELAND.] *Bliki* 2:58-59. Dec. 1983. In Icelandic with Enlgish summ. WR 193
[Kvísker, Öraefi, 785 Fagurhólsmyri, Iceland]

84-005268 Bolster, David C. SHARP-SHINNED HAWK TAKES MOUSE. *NMOS (N.M. Ornithol. Soc.) Bull.* 11(2):19. 1983. WR 193
[Cottonwood Gulch Foundation, Rt. 2, Box 3, Thoreau, NM 87323] *Accipiter striatus* in New Mexico.

84-005269 Bondrup-Nielsen, S. AMBIVALENCE OF THE CONCEALING POSE OF OWLS. *Can. Field-Nat.* 97(3):329-330. July-Sept. 1983. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

RAPTORS (CONTINUED)

84-005270 . Bortolotti, Gary R. SEXUAL SIZE DIMORPHISM AND AGE-RELATED SIZE VARIATION IN BALD EAGLES. *J. Wildl. Manage.* 48(1):72-81. Jan. 1984. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1] *Haliaeetus leucocephalus*.

84-005271 Boshoff, A. F. AND N. G. Palmer. ASPECTS OF THE BIOLOGY AND ECOLOGY OF THE OSPREY IN THE CAPE PROVINCE, SOUTH AFRICA. *Ostrich* 54(4):189-204. Dec. 1983. WR 193
[Lake Nat. Conserv. Stn., Private Bag X6546, George 6530, South Africa] *Pandion haliaetus*.

84-005272 Boshoff, A. F.; C. J. Vernon and R. K. Brooke. HISTORICAL ATLAS OF THE DIURNAL RAPTORS OF THE CAPE PROVINCE (AVES: FALCONIFORMES). *Ann. Cape Prov. Mus. (Nat. Hist.)* 14(7):173-297. 28 Feb. 1983. In English with Afrikaans summ. WR 193
[Lakes Nat. Conserv. Stn., Private Bag X6546, George 6530, South Africa] Data for 55 taxa in South Africa.

84-005273 Bourne, Godfrey Roderick. SNAIL KITE FEEDING ECOLOGY: SOME CORRELATES AND TESTS OF OPTIMAL FORAGING. *Ph.D. dissertation, Univ. Mich.* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1704. Dec. 1983. WR 193
Rostrhamus sociabilis in Guyana.

84-005274 Castrale, John S. and Jim McCall. OSPREY CAPTURES MAMMAL AT EDGE OF SOYBEAN FIELD. *Raptor Res.* 17(3):92. 1983. WR 193
[Div. Fish & Wildl., R.R. #2, Box 477, Mitchell, IN 47446] *Pandion haliaetus* in Indiana.

84-005275 Clark, William S. FLIGHT IDENTIFICATION OF COMMON NORTH AMERICAN BUTEOS. *Continental Birdlife* 2(5/6):129-143. Oct./Dec. 1981. WR 193
[9306 Arlington Blvd., Fairfax, VA 22030] Data for 7 spp. of *Buteo*.

84-005276 Cohen, John. CAPTIVE BREEDING OF HOODED VULTURES *NECROSYRTES MONACHUS*. *Anim. Keepers' Forum* 11(1):22-25. Jan. 1984. WR 193
[Denver Zoo, Denver, CO]

84-005277 De Santis, Luciano J. M.; Claudia I. Montalvo and Enrique R. Justo. MAMIFEROS INTEGRANTES DE LA DIETA DE *TYTO ALBA* (AVES: STRIGIFORMES, TYTONIDAE) EN LA PROVINCIA DE LA PAMPA, ARGENTINA. [MAMMALS IN THE DIET OF *TYTO ALBA* (AVES: STRIGIFORMES, TYTONIDAE) FROM LA PAMPA PROVINCE, ARGENTINA.] *Hist. Nat. (Mendoza)* 3(21):187-188. 1983. In Spanish with English summ. WR 193
[Fac. Cienc. Nat., Univ. Nac. La Plata, Mus. La Plata, Paseo del Bosque, 1900 La Plata, Argentina]

84-005278 Dean, W. R. J. and W. R. Tarboton. OSPREY BREEDING RECORDS IN SOUTH AFRICA. *Ostrich* 54(4):241-242. Dec. 1983. WR 193
[P.O. Box 131, Knysna 6570, South Africa] *Pandion haliaetus*.

RAPTORS (CONTINUED)

84-005279 Debus, Stephen J. S. BEHAVIOUR AND VOCALISATIONS OF NESTING LITTLE EAGLES. *Aust. Bird Watcher* 10(3):73-78. Sept. 1983. WR 193
[P.O. Box 1015, Armidale, New South Wales 2350, Australia] *Hieraaetus morphnoides* in Australia.

84-005280 Dinsmore, James J. GRYFALCON IN IOWA--A RETRACTION. *Iowa Bird Life* 53(4):104-105. Dec. 1983. WR 193
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011] *Falco rusticolus*.

84-005281 Ditto, Larry R. OBSERVATIONS ON NESTING WHITE-TAILED HAWKS. *Raptor Res.* 17(3):91. 1983. WR 193
[Mattamuskeet Natl. Wildl. Refuge, Rt. 1, Box N-2, Swanquarter, NC 27885] *Buteo albicaudatus* in Texas.

84-005282 Dunne, Peter. 1983 NORTHREN HARRIER BREEDING SURVEY IN COASTAL NEW JERSEY. *N.J. Audubon* 10(1):3-5. 1984. WR 193
[Cape May Bird Observatory, P.O. Box 3, Cape May Point, NJ 08212] *Circus cyaneus*.

84-005283 Ekins, Graham and Henk Hendriks. BATELEUR IN ISRAEL IN APRIL 1982. *Dutch Birding* 5(4):86-87. Dec. 1983. In English. WR 193
[18 Arbour Lane, Chelmsford, Essex CM1 5RG, England] *Terathopius ecaudatus*.

84-005284 Exo, Klaus-Michael. DIE AKUSTISCHE UNTERSCHEIDUNG VON STEINKAUZMÄNNCHEN UND -WEIBCHEN (*ATHENE NOCTUA*). [THE VOCAL DISTINCTION OF MALE AND FEMALE LITTLE OWLS (*ATHENE NOCTUA*).] *J. Ornithol.* 125(1):94-97. 1984. In German with English summ. WR 193
[Zool. Inst., Univ. Cologne, Lehrstuhl Physiol. Ökol., Weyertal 119, D-5000 Cologne 1, West Germany]

84-005285 Förstel, Alfons. BESTANDSAUFSTOCKUNG DES UHUS *BUBO BUBO* IN BAYERN. [POPULATION INCREASE OF *BUBO BUBO* IN BAVARIA.] *Anz. Ornithol. Ges. Bayern* 22(3):145-167. Dec. 1983. In German with English summ. WR 193
[Ludwigstr. 42, 8550 Forcheim, West Germany]

84-005286 Fatunmbi, O. O. and A. Bankole. SEVERE DISSEMINATED ASPERGILLOSIS IN A CAPTIVE ABYSSINIAN TAWNY EAGLE (*AQUILA RAPAX RAPTOR*). *J. Wildl. Dis.* 20(1):52-54. Jan. 1984. WR 193
[Dep. Vet. Med., Univ. Ibadan, Ibadan, Nigeria]

84-005287 Favaloro, Norman J. A CASE OF SELECTIVE FEEDING BY THE BROWN GOSHAWK. *Aust. Bird Watcher* 10(4):138-139. Dec. 1983. WR 193
[199 Deakin Ave., Mildura, Victoria 3500, Australia] *Accipiter fasciatus* in Australia.

84-005288 Forren, John D.; Russell R. Haynes and David E. Samuel. A MECHANICAL RECORDER FOR MEASURING RAPTOR PERCHING ACTIVITY. *J. Wildl. Manage.* 48(1):179-182. Jan. 1984. WR 193
[Environ. Resour. Branch, U.S. Army Corps Eng., 2nd & Chestnut St., Philadelphia, PA 19106]

RAPTORS (CONTINUED)

84-005289 . Görner, Martin. ANSPRÜCHE DER FELSBRÜTENDEN UHUS (*BUBO BUBO*) IN THÜRINGEN AN DEN HORSTPLATZ. [REQUIREMENTS OF ROCK NESTING EAGLE OWLS (*BUBO BUBO*) IN THÜRINGEN.] *Beitr. Vogelkd.* 29(3):121-136. 1983. In German. WR 193
[Thymianweg 25, 6900 Jena, East Germany]

84-005290 Gilmer, David S. and Robert E. Stewart. SWAINSON'S HAWK NESTING ECOLOGY IN NORTH DAKOTA. *Condor* 86(1):12-18. Feb. 1984. WR 193
[U.S. Fish & Wildl. Serv., Wildl. Res. Field Stn., 6924 Tremont Rd., Dixon, CA 95620] *Buteo swainsoni*.

84-005291 Haller, Heinrich. DIE THERMIKABHÄNGIGKEIT DES BARTGEIERS *GYPAETUS BARBATUS* ALS MÖGLICHE MITURSACHE FÜR SEIN AUSSTERBEN IN DEN ALPEN DARGESTELLT ANHAND VERGLEICHENDER BEOBACHTUNGEN AN SCHNEEGEIER *GYPS HIMALAYENSIS*, BARTGEIER UND STEIN ADLER *AQUILA CHRYSAETOS* IM HIMALAYA. [THE SIGNIFICANCE OF THERMIC UP-WINDS FOR THE LAMMERGEIER *GYPAETUS BARBATUS*, A POSSIBLE FACTOR CONNECTED WITH ITS EXTINCTION IN THE ALPS COMPARATIVE OBSERVATIONS ON THE HIMALAYAN GRIFFON *GYPS HIMALAYENSIS*, LAMMERGEIER, AND GOLDEN EAGLE *AQUILA CHRYSAETOS* IN THE HIMALAYAS.] *Ornithol. Beob.* 80(4):263-272. Dec. 1983. In German with English summ. WR 193
[Museumstr. 13, 7260 Davos, Switzerland]

84-005292 Halliday, D. NESTING HABITS OF THE VARIABLE GOSHAWK *ACCIPITER NOVAEHOLLANDIAE*. *Papua New Guinea Bird Soc. Newsl.* No. 195-196. p. 20-21. Sept.-Oct. 1982. WR 193

84-005293 Hamlett, Trevor. HOBBIES FEEDING FROM WATER SURFACE. *Br. Birds* 77(2):74. Feb. 1984. WR 193
[Scrubditch Farm Bungalow, North Cerney, Cirencester, Gloucester GL7 7DZ, England] *Falco subbuteo* in England.

84-005294 Hanmer, D. B. and J. G. V. Blackwood. THE SOOTY FALCON IN SOUTHERN AFRICA AND FIRST RECORD FOR MALAWI. *Ostrich* 54(4):242-243. Dec. 1983. WR 193
[Sucoma, Private Bag 50, Blantyre, Malawi] *Falco concolor*.

84-005295 Hartley, Ron. SUCCESSFUL BREEDING OF THE AFRICAN PEREGRINE IN CAPTIVITY. *Bokmakierie* 35(4):75-77. Dec. 1983. WR 193
[Falcon Coll., P.O. Esigodini, Zimbabwe] *Falco peregrinus*.

84-005296 Hawk Trust. THE BARN OWL IN BRITAIN. A RESEARCH PROJECT ORGANISED BY THE HAWK TRUST. *Avic. Mag.* 89(2):109-110. WR 193
Tyto alba.

84-005297 Heller, Manfred. RÖTELFALKE *FALCO NAUMANNI* IN NORDWÜRTTEMBERG. [*FALCO NAUMANNI* IN NORTH WURTTENBERG.] *Anz. Ornithol. Ges. Bayern* 22(3):224-225. Dec. 1983. In German. WR 193
[Am Wolfsberg 87, D-7143 Vaihingen/ENZ, West Germany]

RAPTORS (CONTINUED)

84-005298 Hirons, G. J. M.; A. R. Hardy and P. I. Stanley. BODY WEIGHT, GONAD DEVELOPMENT AND MOULT IN THE TAWNY OWL (*STRIX ALUCO*). *J. Zool. (Lond.)* 202(2):145-164. Feb. 1984. WR 193
[Hardy: Tolworth Lab., Pest Control Chem. Dep., Agric. Sci. Serv., MAFF, Hook Rise South, Tolworth, Surrey KT6 7NF, England]

84-005299 Hogan, Geoffrey G. INTERSPECIFIC FOOD PIRACY OF ROUGH-LEGGED HAWK, *BUTEO LAGOPUS*, ON RED-TAILED HAWK, *B. JAMAICENSIS*, AND SCAVENGING BY ROUGH-LEGGED HAWK. *Can. Field-Nat.* 97(3):330-331. July-Sept. 1983. WR 193
[Dep. Biol., Univ. Prince Edward Island, Charlottetown, Prince Edward Island, Canada C1A 4P3]

84-005300 Hogg, P. ON THE BARBARY FALCON *FALCO PELEGRINOIDES* IN NORTH EASTERN AFRICA. *Malimbus* 5(2):90. Dec. 1983. WR 193
[33 Vine Court Rd., Sevenoaks, Kent TN13 3UY, England]

84-005301 Houston, David C. DOES THE KING VULTURE *SARCORHAMPHUS PAPA* USE A SENSE OF SMELL TO LOCATE FOOD? *Ibis* 126(1):67-69. Jan. 1984. WR 193
[Dep. Zool., Univ. Glasgow, Glasgow G12 8QQ, Scotland]

84-005302 Jack, J. HEN HARRIER AND MERLIN HUNTING TOGETHER. *Br. Birds* 77(2):72-73. Feb. 1984. WR 193
[43 rue Empaute, 11300 Limoux, France] *Circus cyaneus* and *Falco columbarius* in France.

84-005303 Jaksic, Fabian M. and H. Elizabeth Braker. FOOD-NICHE RELATIONSHIPS AND GUILD STRUCTURE OF DIURNAL BIRDS OF PREY: COMPETITION VERSUS OPPORTUNISM. *Can. J. Zool.* 61(10):2230-2241. Oct. 1983. In English wtih French summ. WR 193
[Dep. Biol. Ambiental, Pontificia Univ. Católica Chile, Casilla 114-D, Santiago, Chile]

84-005304 Jamieson, Ian G. and Norman R. Seymour. INTER- AND INTRA-SPECIFIC AGONISTIC BEHAVIOR OF OSPREYS (*PANDION HALIAETUS*) NEAR THEIR NEST SITES. *Can. J. Zool.* 61(10):2199-2202. Oct. 1983. In English with French summ. WR 193
[Seymour: Dep. Biol., St. Francis Xavier Univ., Antigonish, Nova Scotia, Canada B2G 1C0]

84-005305 Jenkins, Andrew. OBSERVATIONS OF INTER- AND INTRASPECIFIC AGGRESSION IN THE BLACK EAGLE. *Bokmakierie* 35(4):92-93. Dec. 1983. WR 193
[P.O. Box 67205, Bryanston 2021, South Africa] *Aquila verreauxii* in South Africa.

84-005306 Jenkins, David. GOLDEN EAGLE ALARM CALLS. *Scott. Birds* 12(8):259. 1983. WR 193
Aquila chrysaetos in Scotland.

RAPTORS (CONTINUED)

84-005307 Jilbert, John. CAPE VULTURE SITES IN LESOTHO: A CONTINUING INVESTIGATION. *Bokmakierie* 35(4):85-88. Dec. 1983. WR 193
[Denstone Coll., Uttoxeter, England] *Gyps coprotheres*.

84-005308 Johnson, Eric V.; D. Lee Aulman; David A. Clendenen; Gary Guliasi; Louis M. Morton; Penny I. Principe and Gayle M. Wegener. CALIFORNIA CONDOR: ACTIVITY PATTERNS AND AGE COMPOSITION IN A FORAGING AREA. *Am. Birds* 37(6):941-945. Nov.-Dec. 1983. WR 193
[Calif. Polytech. State Univ., San Luis Obispo 93407] *Gymnogyps californianus* in California.

84-005309 Johnson, L. Scott. JUNE RECORD FOR GYRFALCON IN SOUTH DAKOTA. *Raptor Res.* 17(3):93. 1983. WR 193
[Dep. Biol. Sci., Box 5640, North. Ariz. Univ., Flagstaff 86011] *Falco rusticolus*.

84-005310 Jones, P. Hope and A. W. Colling. BREEDING AND PROTECTION OF MONTAGU'S HARRIERS IN ANGLESEY, 1955-64. *Br. Birds* 77(2):41-46. Feb. 1984. WR 193
[Tanat, 13 Gronant Rd., Prestatyn, Clwyd, Wales] *Circus pygargus* in Wales.

84-005311 Karczmarczyk, Grazyna. STAN BIELIKA *HALIAEETUS ALBICILLA* NA TERENIE OKREGOWEGO ZARZADU LASÓW PANSTOWOWYCH W SZCZECINIE. [THE STATUS OF THE WHITE-TAILED EAGLE, *HALIAEETUS ALBICILLA*, IN THE TERRITORY OF THE DISTRICT OFFICE OF THE STATE FORESTS IN SZCZECIN.] *Chronmy Przyr. Ojczysta* 39(5):18-24. 1983. In Polish with English summ. WR 193

84-005312 Kenward, Robert E.; Mats Karlbom and Vidar Marcström. THE PRICE OF SUCCESS IN GOSHAWK TRAPPING. *Raptor Res.* 17(3):84-91. 1983. WR 193
[Inst. Zoophysiol., Box 560, S-751 22 Uppsala, Sweden] *Accipiter* sp.

84-005313 Kerr, Ian. MERLIN ROBBING KESTREL OF PREY. *Br. Birds* 77(2):73. Feb. 1984. WR 193
[27 Eddrington Grove, Chapel House, Newcastle upon Tyne 5, England] *Falco columbarius* and *F. tinnunculus* in England.

84-005314 Khan, Mohammad Ali Reza. BIRDS OF PREY OF BANGLADESH AND THEIR CONSERVATION. *Tigerpaper* 10(4):7-10. 1983. WR 193
[Dep. Zool., Univ. Dhaka, Dhaka-2, Bangladesh]

84-005315 Klapste, Jaroslav and Peter Klapste. SUCCESSFUL REARING OF YOUNG OF THE SPOTTED HARRIER IN AN ARTIFICIAL NEST. *Corella* 6(2):42-43. June 1982. WR 193
[6/15 Southey St., Elwood, Victoria 3184, Australia] *Circus assimilis* in Australia.

84-005316 Knight, Richard L. and Ronald E. Jackman. FOOD-NICHE RELATIONSHIPS BETWEEN GREAT HORNED OWLS AND COMMON BARN-OWLS IN EASTERN WASHINGTON. *Auk* 101(1):175-179. Jan. 1984. WR 193

RAPTORS (CONTINUED)

84-005316 CONTINUED
[Dep. Wildl. Ecol., Univ. Wis., Madison 53706] *Bubo virginianus* and *Tyto alba*.

84-005317 Korpimäki, Erkki. ON THE ECOLOGY AND BIOLOGY OF TENGMALM'S OWL (*AEGOLIUS FUNEREUS*) IN SOUTHERN OSTROBOTHNIA AND SUOMENSELKÄ, WESTERN FINLAND. *Ph.D. dissertation, Univ. Oulu (Finland)* 84p. 1981. WR 193
Courtesy/R. A. Ryder.

84-005318 Korpimäki, Erkki. POLYGAMY IN TENGMALM'S OWL *AEGOLIUS FUNEREUS*. *Ornis Fenn.* 60(3):86-87. 1983. In English with Finnish summ. WR 193
[Kp. 4, SF-62200 Kauhava, Finland]

84-005319 Leibl, Franz. SCHELLADLER *AQUILA CLANGA* BEI STRAUBING. [*AQUILA CLANGA* BY STRAUBING.] *Anz. Ornithol. Ges. Bayern* 22(3):227-228. Dec. 1983. In German. WR 193
[Furmannstr. 39, 8440 Straubing, West Germany]

84-005320 Lingle, Gary R. and Kari L. Lingle. A SECOND BLACK-SHOULDERED KITE IN NEBRASKA, WITH NOTES ON ITS FOOD HABITS. *Nebr. Bird Rev.* 51(4):88. Dec. 1983. WR 193
[The Platte River Whooping Crane Trust, 2550 N. Diers Ave., Suite H, Grand Island, NE 68801] *Elanus caeruleus*.

84-005321 Lingle, Gary R. and Kari L. Haugh. A MISSISSIPPI KITE IN HALL COUNTY, NEBRASKA. *Nebr. Bird Rev.* 51(4):90-91. Dec. 1983. WR 193
[The Platte River Whooping Crane Trust, 2550 N. Diers Ave., Suite H, Grand Island, NE 68801] *Ictinia mississippiensis*.

84-005322 Möckel, Reinhard. ZUR VERBREITUNG UND BRUTÖKOLOGIE DES RAUHFUßKAUZES, *AEGOLIUS FUNEREUS* (L.), IM WESTERZGEBIRGE. [DISTRIBUTION AND BROOD ECOLOGY OF ROUGH-LEGGED SCREECH OWLS, *AEGOLIUS FUNEREUS* (L.) IN THE WESTERN ERZ MOUNTAINS.] *Beitr. Vogelkd.* 29(3):137-151. 1983. In German. WR 193
[Hans-Beimler-Ring 1, 7542 Altdöbern, East Germany]

84-005323 Maloney, P. J.; G. F. Bennett; D. M. Bird and D. J. Lewis. *HAEMOPROTEUS TINNUNCULUS* IN THE AMERICAN KESTREL (*FALCO SPARVERIUS*). *J. Wildl. Dis.* 20(1):57-58. Jan. 1984. WR 193
[Dep. Entomol., Macdonald Coll., McGill Univ., Ste. Anne de Bellevue, Quebec, Canada H9X 1C0]

84-005324 Marks, Jeffrey S. UNUSUAL NEST SITES OF A WESTERN SCREECH-OWL AND AN AMERICAN KESTREL. *Murrelet* 64(3):96-97. 1983. WR 193
[U.S. Bur. Land Manage., 3948 Development Ave., Boise, ID 83705] *Otus kennicottii* and *Falco sparverius* in Idaho.

RAPTORS (CONTINUED)

84-005325 . Marr, N. Verne and Richard L. Knight. FOOD HABITS OF GOLDEN EAGLES IN EASTERN WASHINGTON. *Murrelet* 64(3):73-77. 1983. WR 193
[Wash. Dep. Game, Rt. 1, Box 86B, Brewster 98812] *Aquila chrysaetos*.

84-005326 Martin, Stephen J. BURROWING OWL OCCURRENCE ON WHITE-TAILED PRAIRIE DOG COLONIES. *J. Field Ornithol.* 54(4):422-423. 1983. WR 193
[Denver Wildl. Res. Cent., 1300 Blue Spruce Dr., Fort Collins, CO 80524] *Athene cunicularia* in Wyoming.

84-005327 McEneaney, Terrence P. and M. Alan Jenkins. BALD EAGLE PREDATION ON DOMESTIC SHEEP. *Wilson Bull.* 95(4):694-695. Dec. 1983. WR 193
[Red Rock Lakes Natl. Wildl. Refuge, Box 15, Monida Star Route, Lima, MT 59739] *Haliaeetus leucocephalus* in Utah.

84-005328 Merson, M. H.; L. D. Leta and R. E. Byers. OBSERVATIONS ON ROOSTING SITES OF SCREECH-OWLS. *J. Field Ornithol.* 54(4):419-421. 1983. WR 193
[Winchester Fruit Res. Lab., VPI&SU, Winchester, VA 22601] *Otus asio* in Virginia.

84-005329 Miller, Lisa Marie and Robert W. Loftin. THE NORTHERN SAW-WHET OWL IN NORTHEAST FLORIDA. *Fla. Field Nat.* 12(1):11-12. Feb. 1984. WR 193
[P.O. Box 16196, Jacksonville, FL 32245] *Aegolius acadicus*.

84-005330 Mindell, D. P. NESTING RAPTORS IN SOUTHWESTERN ALASKA: STATUS, DISTRIBUTION, AND ASPECTS OF BIOLOGY. *U.S. Bur. Land Manage. Tech. Rep.* TR-83/08. 67p. Aug. 1983. From U.S. Government Reports 84(1):36. 6 Jan. 1984. Available from NTIS as PB84-104447. WR 193

84-005331 Mollhoff, Wayne J. AVIAN TUBERCULOSIS IN A RED-TAILED HAWK. *Nebr. Bird Rev.* 51(4):92-93. Dec. 1983. WR 193
[736 S. Third, Albion, NE 68620] *Buteo jamaicensis* in Nebraska.

84-005332 Mollhoff, Wayne J. HARLAN'S RED-TAILED HAWK. *Nebr. Bird Rev.* 51(4):93. Dec. 1983. WR 193
[736 S. Third, Albion, NE 68620] *Buteo jamaicensis* in Nebraska.

84-005333 Moore, Kevin R. and Charles J. Henny. NEST SITE CHARACTERISTICS OF THREE COEXISTING ACCIPITER HAWKS IN NORTHEASTERN OREGON. *Raptor Res.* 17(3):65-76. 1983. WR 193
[Henny: U.S. Fish & Wildl. Serv., Patuxent Wildl. Res. Cent., 480 SW Airport Rd., Corvallis, OR 97333] *Accipiter gentilis*, *A. cooperii*, and *A. striatus*.

84-005334 Morgan, David. AN ANALYSIS OF SOME EAGLE OWL PELLETS FROM TURKEY. *Sandgrouse* No. 5. p. 105-106. 1983. WR 193
[Whitmore, Umberleigh, N. Devon, England] *Bubo bubo*.

84-005335 Mutter, Dane; David Nolin and Alex Shartle. RAPTOR POPULATIONS ON SELECTED PARK RESERVES IN MONTGOMERY COUNTY, OHIO. *Ohio J. Sci.* 84(1):29-32. Mar. 1984. WR 193
[Dayton-Montgomery County Park Dist., 1375 E. Siebenthaler Ave., Dayton, OH 45414]

84-005336 Nelson, R. Wayne. NATURAL REGULATION OF RAPTOR POPULATIONS. *In: Symposium on Natural Regulation of Wildlife Populations, Fred L. Bunnell, Donald S. Eastman, and James M. Peek, editors.* p. 126-150. Sept. 1983. WR 193
[#73-7200 Huntercrest Rd., NW, Calgary, Alberta, Canada T2K 5S4]

84-005337 Newton, I. and M. B. Haas. THE RETURN OF THE SPARROWHAWK. *Br. Birds* 77(2):47-70. Feb. 1984. WR 193
[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, Cambridgeshire PE17 2LS, England] *Accipiter nisus* in Britain.

84-005338 Nielsen, Ólafur Karl. MÚSVÁKUR Í SELLÖNDUM. [THE BUZZARD *BUTEO BUTEO* RECORDED IN ICELAND.] *Bliki* 2:27. Dec. 1983. In Icelandic with English summ. WR 193
[Vodilundi 16c, 600 Akureyri, Iceland]

84-005339 Okill, J. D. MERLINS USING MAN-MADE NEST-SITES IN SHETLAND. *Br. Birds* 77(2):73-74. Feb. 1984. WR 193
[Heilinabretta, Cauldhome, Trondra, Shetland, Scotland] *Falco columbarius* in Scotland.

84-005340 Olsen, Jerry; Terry Billett and Penny Olsen. A METHOD FOR REDUCING ILLEGAL REMOVAL OF EGGS FROM RAPTOR NESTS. *Emu* 82(4):225. Dec. 1982. WR 193
[RMB 1705, Sutton, New South Wales 2620, Australia]

84-005341 Olsen, Penny D.; Jerry Olsen and Nick J. Mooney. GROWTH AND DEVELOPMENT OF NESTLING BROWN GOSHAWKS *ACCIPITER FASCIATUS*, WITH DETAILS OF BREEDING BIOLOGY. *Emu* 82(4):189-194. Dec. 1982. WR 193
[Div. Wildl. Res., CSIRO, P.O. Box 84, Lyneham, ACT 2602, Australia]

84-005342 Ottenberger, Klaus. BEOBACHTUNGEN AM BAUMFALKEN *FALCO SUBBUTEO* IN EINEM BRUTREVIER AM STADTRAND VON MÜNCHEN. [OBSERVATIONS ON TREE FALCONS IN A BREEDING SANCTUARY AT THE PERIPHERY OF THE CITY OF MUNICH.] *Anz. Ornithol. Ges. Bayern* 22(3):197-210. Dec. 1983. In German with English summ. WR 193
[Radolfzeller Str. 7, 8000 Münich 60, West Germany]

84-005343 Penak, Brenda L. ASPECTS OF THE NUTRITIONAL ECOLOGY OF THE RED-SHOULDERED HAWK (*BUTEO LINEATUS LINEATUS*) IN SOUTHWESTERN QUEBEC. *M.S. thesis, McGill Univ. (Canada)* 1982. From Raptor Res. 17(3):96. 1983. WR 193

84-005344 Perez Alonso-Geta, Antonio. REPRODUCCION EN SEMILIBERTAD DE GAVILANES Y AZORES. [REPRODUCTION OF *ACCIPITER GENTILIS* AND *A. NISUS* IN CAPTIVITY.] *Vida Silvestre* No. 48. p. 260-265. Dec. 1983. In Spanish. WR 193

RAPTORS (CONTINUED)

84-005345 Perkins, Michael W. and William J. Lindsey. NESTING STUDIES OF FERRUGINOUS HAWKS IN THE ELY BLM DISTRICT, NEVADA. *N. Am. Bird Bander* 8(3):106-107. July-Sept. 1983. WR 193
[U.S. Bur. Land Manage., Star Route 5, Box 1, Ely, NV] *Buteo regalis.*

84-005346 Pfaffenberger, G. S. and J. F. Rosero. MALLOPHAGA FROM FIVE RAPTOR SPECIES IN EASTERN NEW MEXICO. *J. Wildl. Dis.* 20(1):65-66. Jan. 1984. WR 193
[Dep. Life Sci., Eastern N.M. Univ., Portales 88130] *Aquila chrysaetos, Bubo virginianus, Buteo jamaicensis, B. lagopus* and *Tyto alba.*

84-005347 Powers, Leon R. NESTING BEHAVIOR OF THE FERRUGINOUS HAWKS *(BUTEO REGALIS). Ph.D. dissertation, Idaho State Univ.* 1981. From Raptor Res. 17(3):95. 1983. WR 193

84-005348 Rapp, Stephen R. A SECOND CHANCE - RAPTOR REHABILITATION. *A.F.A. Watchbird* 10(3):16-21. June-July 1983. WR 193

84-005349 Rehder, Nancy B. and David M. Bird. ANNUAL PROFILES OF BLOOD PACKED CELL VOLUMES OF CAPTIVE AMERICAN KESTRELS. *Can. J. Zool.* 61(11):2550-2555. Nov. 1983. In English with French summ. WR 193
[Macdonald Raptor Res. Cent., McGill Univ., 21 111 Lakeshore Rd., Ste-Anne-de-Bellevue, Quebec, Canada H9X 1C0] *Falco sparverius.*

84-005350 Reichholf, Josef. SCHELLADLER *AQUILA CLANGA* AM UNTEREN INN. [*AQUILA CLANGA* ON THE LOWER INN RIVER.] *Anz. Ornithol. Ges. Bayern* 22(3):226-227. Dec. 1983. In German. WR 193
[Zool. Staatssammlung, Maria-Ward-Str. 1B, 8000 Munich 19, West Germany]

84-005351 Scherzinger, Wolfgang. BEOBACHTUNGEN AN WALDKAUZ-HABICHTSKAUZ-HYBRIDEN (*STRIX ALUCO* X *STRIX URALENSIS*). [OBSERVATIONS ON TAWNY-URAL OWL HYBRIDS (*STRIX ALUCO* X *STRIX URALENSIS*).] *Zool. Gart.* 53(2):133-148. 1983. In German. WR 193
[Nationalpark Bayer, Wald, D-8352 Grafenau, West Germany]

84-005352 Smith, John C.; Michael J. Smith; Brenda L. Hilliard and Leon R. Powers. TRAPPING TECHNIQUES, HANDLING METHODS, AND EQUIPMENT USE IN BIOTELEMETRY STUDY OF LONG-EARED OWLS. *N. Am. Bird Bander* 8(2):46-47. Apr.-June 1983. WR 193
[Dep. Biol., Northwest Nazarine Coll., Nampa, ID 83651] *Asio otus* in Idaho.

84-005353 Soucy, Leonard J., Jr. FIRST GYRFALCON BANDED IN NEW JERSEY. *N. Am. Bird Bander* 8(2):58. Apr.-June 1983. WR 193
[1390 White Bridge Rd., Millington, NJ 07946] *Falco rusticolus.*

84-005354 Spicknall, Jeffrey and Charles Pickett. GROWTH AND DEVELOPMENT IN A HAND-REARED STRIPED OWL *RHINOPTYNX CLIMATOR. Avic. Mag.* 89(3):153-157. July-Sept. 1983. WR 193
[Natl. Zool. Park, Washington, DC]

RAPTORS (CONTINUED)

84-005355 Spirett, Richard. TAWNY OWL APPARENTLY CHOKING TO DEATH ON FROG OR TOAD. *Br. Birds* 77(1):24. Jan. 1984. WR 193
[28 Gimson Ave., Cosby, Leicestershire LE9 9SS, England] *Strix aluco* in England.

84-005356 Steffen, James F. UNUSUAL HUNTING BEHAVIOR OF THE AMERICAN KESTREL. *Inl. Bird Banding* 53(3):54-55. 1981. WR 193
[920 A N. 16th St., Manitowoc, WI 54220] *Falco sparverius* in Wisconsin.

84-005357 Stokes, John. MISSISSIPPI KITE HACKING PROJECT--MEEMAN-SHELBY FOREST STATE PARK/MEMPHIS ZOOLOGICAL GARDENS. *Anim. Keepers' Forum* 11(3):77-81. Mar. 1984. WR 193
[Memphis Zoo, Memphis, TN] *Ictinia mississippiensis*.

84-005358 Stokes, Tony. AN ANALYSIS OF RAPTOR INJURIES TREATED IN THE AUSTRALIAN CAPITAL TERRITORY DISTRICT 1976-80. *Corella* 6(5):97-104. Dec. 1982. WR 193
[Natl. Parks & Wildl. Serv., P.O. Box 636, Canberra City, A.C.T. 2601, Australia]

84-005359 Tejero, E.; M. Soler; I. Camacho and J. M. Avila. CONTRIBUCION AL CONOCIMIENTO DEL REGIMEN ALIMENTICIO DEL CERNICALO PRIMILLA (*FALCO NAUMANNI*, FLEISCH., 1758). [CONTRIBUTION TO THE KNOWLEDGE OF THE FEEDING ECOLOGY OF *FALCO NAUMANNI*, FLEISCH., 1758.] *Bol. Estac. Cent. Ecol.* 11(22):77-82. 1982. In Spanish with English summ. WR 193

84-005360 Thake, M. A. COLD FRONTS AND HONEY BUZZARD MIGRATION ACROSS LARGE BODIES OF WATER. *Il-Merill* No. 22. p. 10-11. 1981-83. WR 193
[169, Fleur-de-Lys Rd., B'Kara, Malta] *Pernis apivorus* in Malta.

84-005361 Thake, M. A. EVIDENCE FOR THE EXISTENCE OF A LEADING LINE EFFECT IN HONEY BUZZARD MIGRATION THROUGH MALTA. *Il-Merill* No. 22. p. 8-9. 1981-83. WR 193
[169, Fleur-de Lys Rd., B'Kara, Malta] *Pernis apivorus*.

84-005362 Thake, M. A. MARSH HARRIER MIGRATION THROUGH MALTA IN AUTUMN IN RELATION TO WEATHER. *Il-Merill* No. 22. p. 1-6. 1981-83. WR 193
[169 Fleur de Lys Rd., B'Kara, Malta] *Circus aeruginosus*.

84-005363 Thurow, Thomas L. and Clayton M. White. NEST SITE RELATIONSHIP BETWEEN THE FERRUGINOUS HAWK AND SWAINSON'S HAWK. *J. Field Ornithol.* 54(4):401-406. 1983. WR 193
[Dep. Range Sci., Tex. A&M Univ., College Station 77843] *Buteo regalis* and *B. swainsoni* in Idaho.

84-005364 Van den Berg, Arnoud B. and J. W. (Jowi) de Roever. MELANISTIC MONATGU'S HARRIER. *Dutch Birding* 5(4):88-89. Dec. 1983. In English. WR 193
[Duinlustparkweg 98, 2082 EG Santpoort-Zuid, Netherlands] *Circus pygargus* in France.

RAPTORS (CONTINUED)

84-005365 Verner, Jared and Robert N. Lehman. IDENTIFYING INDIVIDUAL BALD EAGLES WITH VOICEPRINTS: A FEASIBILITY STUDY. *U.S. For. Serv. Res. Note* PSW-359. 8p. Dec. 1982. From U.S. Government Reports 83(19):4606. 16 Sept. 1983. Available from NTIS as PB83-218248. WR 193
Haliaeetus leucocephalus in California.

84-005366 Vondrácek, Jirí. K ROZSÍRENÍ A BIONOMII VYRA VELKÉHO V SEVERNÍCH CECHÁCH. [TO THE PROPAGATION AND BIONOMY OF THE EAGLE OWL IN NORTHERN BOHEMIA.] *Cesk. Ochr. Prir.* 19:179-196. 1979. In Czech with Russian, German, and English summ. WR 193
Bubo bubo in Czechoslovakia.

84-005367 Walsh, Daniel T. and Dwight G. Smith. SCREECH OWL TRAPPED INSIDE FALLEN ROOST TREE. *Raptor Res.* 17(3):93. 1983. WR 193
[Zool. Dep., Brigham Young Univ., Provo, UT 84602] *Otus asio* in Connecticut.

84-005368 Weir, Ron. NORTHERN SAW-WHET OWL STUDIES AT PEPt IN 1982. *Ont. Bird Banding* 15(3):19-21. Dec. 1982. WR 193
[294 Elmwood St., Kingston, Ontario, Canada K7M 2Y8] *Aegolius acadicus* in Canada.

84-005369 Wijnandts, H. ECOLOGICAL ENERGETICS OF THE LONG-EARED OWL *(ASIO OTUS)*. *Ardea* 72(1):1-92. 1984. In English with Dutch summ. WR 193
[Zool. Lab., Univ. Groningen, Kerklaan 30, 9751 NN Haren, Netherlands]

84-005370 Wilmers, Thomas J. FOUR KESTRELS DEFEND NEST BOX CONTAINING EYASSES. *Raptor Res.* 17(3):94-95. 1983. WR 193
[1614 Beacon Ave., Cincinnati, OH 45230] *Falco sparverius* in West Virginia.

84-005371 Woffinden, Neil D. and Joseph R. Murphy. FERRUGINOUS HAWK POSTFLEDGING ACTIVITIES. *N. Am. Bird Bander* 8(3):94-96. July-Sept. 1983. WR 193
[Div. Nat. Sci., Univ. Pittsburgh, Johnstown, PA 15904] *Buteo regalis* in Utah.

PASSERINE BIRDS--GENERAL

84-005372 Bilcke, Geert. SEASONAL CHANGES IN HABITAT USE OF RESIDENT PASSERINES. *Ardea* 72(1):95-99. 1984. In English with Dutch summ. WR 193
[Univ. Inst. Antwerpen, Universiteitsplein 1, B-2610 Wilrijk, Belgium]

84-005373 Castrale, John S. SELECTION OF SONG PERCHES BY SAGEBRUSH-GRASSLAND BIRDS. *Wilson Bull.* 95(4):647-655. Dec. 1983. WR 193
[Indiana Div. Fish & Wildl., R.R. 2, Box 477, Mitchell 47446] *Spizella breweri*, *Pooecetes gramineus*, *Sturnella neglecta*, and *Eremophila alpestris* in Utah.

PASSERINE BIRDS--GENERAL (CONTINUED)

84-005374 Craig, A. J. F. K. MOULT IN SOUTHERN AFRICAN PASSERINE BIRDS: A REVIEW. *Ostrich* 54(4):220-237. Dec. 1983. WR 193
[Dep. Zool., Rhodes Univ., Grahamstown 6140, South Africa] Data for 114 spp.

84-005375 Evans, David L. REACTIONS OF SOME ADULT PASSERINES TO *BOMBUS PENNSYLVANICUS* AND ITS MIMIC, *MALLOTA BAUTIAS*. *Ibis* 126(1):50-58. Jan. 1984. WR 193
[Dep. Biol., Am. Univ. Beirut, Beirut, Lebanon]

84-005376 Hazelton, Paula K.; Robert J. Robel and Arthur D. Dayton. PREFERENCES AND INFLUENCE OF PAIRED FOOD ITEMS ON ENERGY INTAKE OF AMERICAN ROBINS AND GRAY CATBIRDS. *J. Wildl. Manage.* 48(1):198-202. Jan. 1984. WR 193
[Div. Biol., Kans. State Univ., Manhattan 66506] *Turdus migratorius* and *Dumetella carolinensis*.

84-005377 Lindholm, Claes-Göran; Christian Hjort and Jan Pettersson. VARIATION IN THE NUMBERS OF SOME MIGRATING PASSERINES AT OTTENBY. *Ornis Fenn.* Suppl. 3. p. 92-93. 1983. WR 193
[Ottenby Bird Observatory, Pl 1500, S-380 65 Degerhamn, Sweden]

84-005378 Micali, Giuseppe; Vittorio Vigorita and Renato Massa. SOME PROPOSALS FOR EVALUATIONS AND CENSUSES OF MIGRANT PASSERINES IN ITALY. *In: Working Group on Game Statistics: Proceedings of the Second Meeting 6-7 October 1982: Proceedings of an interim meeting of the International Union of Game Biologists, Doorwerth, Netherlands. Frans Leeuwenberg and Ian Hepburn, editors.* p. 85-90. 1983. In English with French and German summ. WR 193
[Lab. Biol. & Zool. Generale, Univ. Studi Milano, Via Vanvitelli 32, 20129 Milan, Italy]

84-005379 Moritz, Dieter. LONG-TERM POPULATION DYNAMICS IN MIGRATING PASSERINES TRAPPED ON HELGOLAND: ABSTRACT. *Ornis Fenn.* Suppl. 3. p. 91. 1983. WR 193
[Inst. Vogelforschung, Vogelwarte Helgoland, D-2192 Helgoland, West Germany]

84-005380 Yahner, Richard H. AVIAN USE OF NEST BOXES IN MINNESOTA FARMSTEAD SHELTERBELTS. *J. Minn. Acad. Sci.* 49(1):18-20. 1983/1984. WR 193
[School For. Resour., Pa. State Univ., University Park] *Troglodytes aedon*, *Parus atricapillus*, and *Sitta canadensis*.

84-005381 Zang, Herwig. ERSTBESIEDLUNG NEU EINGERICHTETER NISTHÖHLENGEBIETE IM HARZ UNTER BESONDERER BERÜCKSICHTIGUNG DER HÖHENLAGE. [FIRST OCCUPATION OF AREAS NEWLY FITTED WITH NESTBOXES IN THE HARZ MOUNTAINS ESPECIALLY IN RELATION TO ALTITUDE.] *Vogelwelt* 105(1):25-32. 1984. In German with English summ. WR 193
[Oberer Triftweg 31 A, D-3380 Goslar, West Germany] *Parus major*, *P. caeruleus*, *P. ater*, *Sitta europaea*, and *Passer montanus* in West Germany.

BLACKBIRDS, STARLINGS AND CROWS

84-005382 Alvarez-Lopez, Humberto. SOCIAL ORGANIZATION AND ECOLOGY OF THE GREEN JAY IN COLOMBIA. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 57-58. 1983. WR 193
[Univ. del Valle, Cali, Colombia] *Cyanocorax yncas*.

84-005383 Andrieux, Michel. LA PROSODIE DANS LA SEMANTIQUE DU CRI D'ALARME DU GRAND CORBEAU (*CORVUS CORAX* L.). [PROSODY CARRY A PART OF INQUIRIES IN RAVEN'S WARNING CALL.] *Biol. Behav.* 9(1):59-63. 1984. In French with English summ. WR 193
[Lab. Ethol. Exp., Stn. Terrain Saint-Lucien, F 28210 Nogent-le-Roi, France]

84-005384 Batcheller, Gordon R.; John A. Bissonette and Michael W. Smith. TOWARDS REDUCING PECAN LOSSES TO BLUE JAYS IN OKLAHOMA. *Wildl. Soc. Bull.* 12(1):51-55. 1984. WR 193
[State Div. Fish & Wildl., 128 South St., Olean, NY 14760] *Cyanocitta cristata*.

84-005385 Beletsky, L. David and Michael G. Corral. SONG RESPONSE BY FEMALE RED-WINGED BLACKBIRDS TO MALE SONG. *Wilson Bull.* 95(4):643-647. Dec. 1983. WR 193
[Dep. Zool., NJ-15, Univ. Wash., Seattle 98195] *Agelaius phoeniceus* in New York.

84-005386 Biebach, Herbert. EFFECT OF CLUTCH SIZE AND TIME OF DAY ON THE ENERGY EXPENDITURE OF INCUBATING STARLINGS *(STURNUS VULGARIS)*. *Physiol. Zool.* 57(1):26-31. Jan./Feb. 1984. WR 193
[Max-Planck-Inst. Verhaltensphysiol., Vogelwarte Radolfzell, Radolfzell & Andechs, D8138 Andechs, West Germany]

84-005387 Black, Andrew and Julian Ford. MAGPIES SIMILAR TO THE WHITE-BACKED MAGPIE IN INLAND WESTERN AUSTRALIA. *Corella* 6(5):114-118. Dec. 1982. WR 193
[11 Ringmen Dr., Burnside, South Australia 5066, Australia] *Gymnorhina* spp.

84-005388 Brenowitz, Eliot A. THE CONTRIBUTION OF TEMPORAL SONG CUES TO SPECIES RECOGNITION IN THE RED-WINGED BLACKBIRD. *Anim. Behav.* 31(4):1116-1127. Nov. 1983. WR 193
[Sect. Neurol. & Behav., Div. Biol. Sci., Cornell Univ., Ithaca, NY 14853] *Agelaius phoeniceus* in New York.

84-005389 Brown, J. L. and E. R. Brown. PARENTAL FACILITATION: PARENT-OFFSPRING RELATIONS IN COMMUNALLY BREEDING BIRDS. *Behav. Ecol. Sociobiol.* 14(3):203-209. 1984. WR 193
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] *Aphelocoma ultramarina* in Arizona.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-005390 Buhl, Kristin. TROUBLE IN PARADISE...THE HAWAIIAN CROW. *A.F.A. Watchbird* 10(3):26-30. June-July 1983. WR 193
Corvus tropicus.

84-005391 Buitron, Deborah. VARIABILITY IN THE RESPONSES OF BLACK-BILLED MAGPIES TO NATURAL PREDATORS. *Behaviour* 87(3-4):209-236. 1983. In English with German summ. WR 193
[Bell Mus. Nat. Hist., Dep. Ecol. & Behav. Biol., Univ. Minn., Minneapolis 55455] *Pica pica* in South Dakota.

84-005392 Carlson, Steven Jon. THE BIOENERGETICS OF ROOST SITE SELECTION FOR GREAT-TAILED GRACKLES. *Ph.D. dissertation, Tex. A&M Univ*. 58p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2608. Mar. 1984. WR 193
Quiscalus mexicanus in Texas.

84-005393 D'Agincourt, Lorraine G. and J. Bruce Falls. VARIATION OF REPERTOIRE USE IN THE EASTERN MEADOWLARK, *STURNELLA MAGNA*. *Can. J. Zool.* 61(5):1086-1093. May 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1]

84-005394 Dreier, Jeremy. 4 & 20 BLACKBIRDS...GIVE OR TAKE A BILLION! *Ky. Happy Hunting Ground* 40(1):23-27. Jan.-Feb. 1984. WR 193

84-005395 Flood, Nancy J. ADAPTIVE SIGNIFICANCE OF DELAYED PLUMAGE MATURATION IN MALE NORTHERN ORIOLES. *Evolution* 38(2):276-279. Mar. 1984. WR 193
[Dep. Zool., Univ. Toronto, Toronto, Ontario, Canada M5S 1A1]

84-005396 Gavin, Thomas A. BROODEDNESS IN BOBOLINKS. *Auk* 101(1):179-181. Jan. 1984. WR 193
[Dep. Nat. Resour., Cornell Univ., Ithaca, NY 14853] *Dolichonyx oryzivorus* in New York.

84-005397 Harrison, Colin J. O. OBSERVATIONS ON AN AZURE-WINGED MAGPIE *CYANOPICA CYANA*. *Avic. Mag.* 89(3):163-169. July-Sept. 1983. WR 193

84-005398 Hayworth, Anita M. and Wesley W. Weathers. TEMPERATURE REGULATION AND CLIMATIC ADAPTATION IN BLACK-BILLED AND YELLOW-BILLED MAGPIES. *Condor* 86(1):19-26. Feb. 1984. WR 193
[Dep. Avian Sci., Univ. Calif., Davis 95616] *Pica nuttalli* and *P. pica*.

84-005399 Heath, P. J. PARTIALLY LEUCISTIC STARLING RESEMBLING ROSE-COULOURED STARLING. *Br. Birds* 77(3):120-121. Mar. 1984. WR 193
[School Biol. Sci., Univ. East Anglia, Norwich, Norfolk, England] *Sturnus vulgaris* in England.

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-005400 Heisterberg, Jon F.; C. Edward Knittle; Olin E. Bray; Donald F. Mott and Jerome F. Besser. MOVEMENTS OF RADIO-INSTRUMENTED BLACKBIRDS AND EUROPEAN STARLINGS AMONG WINTER ROOSTS. *J. Wildl. Manage.* 48(1):203-209. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Ky. Res. Stn., 334 15th St., Bowling Green 42101] Icteridae and *Sturnus vulgaris*.

84-005401 Hughes, J. M.; B. J. Pearce and K. Vockenson. TERRITORIES OF THE AUSTRALIAN MAGPIE *GYMNORHINA TIBICEN* IN SOUTH-EAST QUEENSLAND. *Emu* 83(2):108-111. June 1983. WR 193
[School Australian Environ. Studies, Griffith Univ., Nathan, Queensland 4111, Australia]

84-005402 James, Paul C. REVERSE MOUNTING IN THE NORTHWESTERN CROW. *J. Field Ornithol.* 54(4):418-419. 1983. WR 193
[Edward Grey Inst. Field Ornithol., Zool. Dep., South Parks Rd., Oxford OX1 3PS, England] *Corvus caurinus* in Canada.

84-005403 Kacelnik, Alejandro. CENTRAL PLACE FORAGING IN STARLINGS (*STURNUS VULGARIS*). I. PATCH RESIDENCE TIME. *J. Anim. Ecol.* 53(1):283-299. Feb. 1984. WR 193
[Edward Grey Inst. Ornithol., Dep. Zool., Oxford, England]

84-005404 Katzir, Gadi. RELATIONSHIPS BETWEEN SOCIAL STRUCTURE AND RESPONSE TO NOVELTY IN CAPTIVE JACKDAWS, *CORVUS MONEDULA* L. II. RESPONSE TO NOVEL PALATABLE FOOD. *Behaviour* 87(3-4):183-208. 1983. In English with French summ. WR 193
[Dep. Biol., Ben-Gurion Univ., Beer-Sheva, Israel]

84-005405 Møller, Anders Pape. HABITAT SELECTION, FLOCKING AND FEEDING BEHAVIOUR OF HOODED CROWS *CORVUS CORONE*. *Ornis Fenn.* 60(4):105-111. 1983. In English with Finnish summ. WR 193
[Langelandsgade 216, DK-8200 Århus N, Denmark]

84-005406 McCanch, Norman and Monica McCanch. JACKDAW EATING BURNET MOTHS. *Br. Birds* 77(2):75. Feb. 1984. WR 193
[2 Sandwich Hill, Eastry, Sandwich, Kent CT13 0DR, England] *Corvus monedula*.

84-005407 Meanley, Brooke. EARLY FALL ACTIVITY OF THE BOBOLINK IN THE SHENANDOAH VALLEY. *Raven* 53(2):35. June 1982. WR 193
[P.O. Box 87, Fishersville, VA 22939] *Dolichonyx oryzivorus* in Virginia.

84-005408 Palacios, L.; J. Palomeque; M. Riera; T. Pagés; G. Viscor and J. Planas. OXYGEN TRANSPORT PROPERTIES IN THE STARLING, *STURNUS VULGARIS* L. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(2):255-260. 1984. WR 193
[Dep. Fisiol. Anim., Fac. Biol., Univ. Barcelona, Ave. Diagonal 645, Barcelona 28, Spain]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-005409 Powne, Jeremy D. OPPORTUNISTIC FEEDING BY CARRION CROW. *Br. Birds* 77(3):120. Mar. 1984. WR 193
[The Beeches, Compton Valence, Dorchester, Dorset DT2 9ES, England] *Corvus corone* in England.

84-005410 Racine, Richard N. and Nicholas S. Thompson. SOCIAL ORGANIZATION OF WINTERING BLUE JAYS. *Behaviour* 87(3-4):237-255. 1983. WR 193
[Box 449, Vassar Coll., Poughkeepsie, NY 12601] *Cyanocitta cristata* in Massachusetts.

84-005411 Radford, A. P. STARLING EATING JEW'S-EAR FUNGUS. *Br. Birds* 76(12):580. Dec. 1983. WR 193
[Crossways Cottage, West Bagborough, Taunton, Somerset TA4 3EG, England] *Sturnus vulgaris* in England.

84-005412 Richter, Wayne. BALANCED SEX RATIOS IN DIMORPHIC ALTRICIAL BIRDS: THE CONTRIBUTION OF SEX-SPECIFIC GROWTH DYNAMICS. *Am. Nat.* 121(2):158-171. Feb. 1983. WR 193
[Prog. Evol. Ecol. & Behav., Dep. Zool., Univ. Iowa, Iowa City 52242] *Xanthocephalus xanthocephalus*.

84-005413 Ricklefs, Robert E. VARIATION IN THE SIZE AND COMPOSITION OF EGGS OF THE EUROPEAN STARLING. *Condor* 86(1):1-6. Feb. 1984. WR 193
[Dep. Biol., Univ. Pa., Philadelphia 19104] *Sturnus vulgaris* in Pennsylvania.

84-005414 Rothstein, Stephen I.; Jared Verner and Ernest Stevens. RADIO-TRACKING CONFIRMS A UNIQUE DIURNAL PATTERN OF SPATIAL OCCURRENCE IN THE PARASITIC BROWN-HEADED COWBIRD. *Ecology* 65(1):77-88. Feb. 1984. WR 193
[Dep. Biol. Sci., Univ. Calif., Santa Barbara 93106] *Molothrus ater* in California and Nevada.

84-005415 Rotterman, Lisa Mignon and Charles Monnett. AN EMBRYO-DYEING TECHNIQUE FOR IDENTIFICATION THROUGH HATCHING. *Condor* 86(1):79-80. Feb. 1984. WR 193
[Dep. Ecol. & Behav. Biol., 318 Church St., S.E., Univ. Minn., Minneapolis 55455] *Agelaius phoeniceus* in Washington.

84-005416 Sakai, Howard F. and C. David Jenkins. CAPTURING THE ENDANGERED HAWAIIAN CROW WITH MIST NETS. *N. Am. Bird Bander* 8(2):54-55. Apr.-June 1983. WR 193
[Redwood Sci. Lab., 1700 Bayview Dr., Arcata, CA 95521] *Corvus tropicus*.

84-005417 Salvador, Sergio A. PARASITISMO DE CRIA DEL RENEGRIDO (*MOLOTHRUS BONARIENSIS*) EN VILLA MARIA, CORDOBA, ARGENTINA (AVES: ICTERIDAE). [BROOD PARASITISM BY SHINY COWBIRDS (*MOLOTHRUS BONARIENSIS*)

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-005417 CONTINUED IN VILLA MARIA, CORDOBA, ARGENTINA.] *Hist. Nat. (Mendoza)* 3(16):149-158. 1983. In Spanish with English summ. WR 193
[Blvd. Sarmiento 698, 5900 Villa María, Córdoba, Argentina]

84-005418 San Miguel Ayanz, A. CONTRIBUCION AL ESTUDIO DE LA ALIMENTACION DEL ARRENDAJO (*GARRULUS GLANDARIUS* L. 1758) EN ESPAÑA. [CONTRIBUTION TO THE STUDY OF THE FEEDING HABITS OF *GARRULUS GLANDARIUS* L. 1758 IN SPAIN.] *Bol. Estac. Cent. Ecol.* 12(23):77-82. 1983. In Spanish with English summ. WR 193
[Dep. Silvopascicult. & Orden. For., I.N.I.A., C.R.I.D.A. 06, Apartado 8.111, Madrid, Spain]

84-005419 Schaefer, Joseph Martin. THE COMMON CROW AS A SENTINEL SPECIES OF RABIES IN WILDLIFE POPULATIONS. *Ph.D. dissertation, Iowa State Univ.* 85p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1742. Dec. 1983. WR 193
Corvus brachyrhynchos.

84-005420 Scharf, Criag and Gordon Clover. THE IMPORTANCE OF SOCIAL DISPLAY IN THE LIFE CYCLE OF THE BLACK-BILLED MAGPIE, *PICA PICA*. *Am. Birds* 37(6):935-940. Nov.-Dec. 1983. WR 193
[Dep. Zool., Univ. Alberta, Edmonton, Alberta, Canada T6G 2E9]

84-005421 Silcock, W. Ross. GREAT-TAILED GRACKLE IN SOUTHWEST IOWA: CONTINUATION OF AN EXPLOSIVE RANGE EXPANSION. *Iowa Bird Life* 53(4):106-107. Dec. 1983. WR 193
[Box 300, Tabor, IA 51653] *Cassidix mexicanus*.

84-005422 Simpson, G. E.; J. D. Simpson and W. R. P. Bourne. A TRIO OF MAGPIES. *Scott. Birds* 12(8):258. 1983. WR 193
Pica sp. in Scotland.

84-005423 Solomon, Janiece and Henry Mills. HAND REARING BALD CROWS. *A.F.A. Watchbird* 10(4):18-21. Aug.-Sept. 1983. WR 193
Picathartes gymnocephalus.

84-005424 Summers-Smith, D. MAGPIES HIDING FOOD IN SNOW. *Br. Birds* 77(1):25-26. Jan. 1984. WR 193
[Merlewood, The Avenue, Cleveland, Guisborough TS14 8EE, England] *Pica pica* in England.

84-005425 Sutton, George M. EARLY NESTING OF BLUE JAY IN OKLAHOMA. *Bull. Okla. Ornithol. Soc.* 17(1):8. Mar. 1984. WR 193
[818 W. Brooks St., Norman, OK 73069] *Cyanocitta cristata*.

84-005426 Trillmich, Fritz and Hans Hudde. DER BRUTRAUM BEEINFLUßT GELEGEGRÖßE UND FORTPFLANZUNGSERFOLG BEIM STAR (*STURNUS VULGARIS*). [NESTBOX AREA INFLUENCES CLUTCH SIZE AND REPRODUCTIVE SUCCESS IN THE STARLING (*STURNUS VULGARIS*).] *J. Ornithol.* 125(1):75-79. 1984. In German with English summ. WR 193
[Max-Planck-Inst. Verhaltensphysiol., Abt. Wickler, 8131 Seewiesen, West Germany]

BLACKBIRDS, STARLINGS AND CROWS (CONTINUED)

84-005427 Ullman, Magnus. STARAR MED BEIGE DRÄKT LIKT UG ROSENSTARE. [STARLINGS WITH SANDY-PALE PLUMAGE LIKE IMMATURE ROSE-COLOURED STARLING.] *Var Fagelvarld* 43(1):42-43. 1984. In Swedish with English summ. WR 193
[Kämnärsvägen 9 L:221, S-222 46 Lund, Sweden]

84-005428 Vander Wall, Stephen B. and Harry E. Hutchins. DEPENDENCE OF CLARK'S NUTCRACKER, *NUCIFRAGA COLUMBIANA*, ON CONIFER SEEDS DURING THE POSTFLEDGING PERIOD. *Can. Field-Nat.* 97(2):208-214. Apr.-June 1983. WR 193
[Dep. Biol., Utah State Univ., Logan 84322]

84-005429 Warnes, J. M. THE STATUS OF THE CHOUGH IN SCOTLAND. *Scott. Birds* 12(8):238-246. 1983. WR 193
[Kindrochid, Sanaig, Bruichladdich, Isle of Islay, Scotland] *Pyrrhocorax* sp.

84-005430 Weatherhead, Patrick J.; Hamilton Greenwood and Robert G. Clark. ON THE USE OF AVIAN MORTALITY PATTERNS TO TEST SEXUAL SELECTION THEORY. *Auk* 101(1):134-139. Jan. 1984. WR 193
[Dep. Biol., Carleton Univ., Ottawa, Ontario, Canada K1S 5B6] *Agelaius phoeniceus* in Canada.

84-005431 Weeks, Harmon P., Jr. NEST REUSE IN SUCCESSIVE YEARS BY BLUE JAYS. *Indiana Audubon Q.* 62(1):18-20. Feb. 1984. WR 193
[Dep. For. & Nat. Resour., Purdue Univ., West Lafayette, IN 47907]

84-005432 West, Meredith J.; A. Neil Stroud and Andrew P. King. MIMICRY OF THE HUMAN VOICE BY EUROPEAN STARLINGS: THE ROLE OF SOCIAL INTERACTION. *Wilson Bull.* 95(4):635-640. Dec. 1983. WR 193
[Dep. Psychol., Univ. N.C., Chapel Hill 27514] *Sturnus vulgaris*.

84-005433 Wilkinson, R. and A. E. Brown. EFFECT OF HELPERS ON THE FEEDING RATES OF NESTLINGS IN THE CHESTNUT-BELLIED STARLING *SPREO PULCHER*. *J. Anim. Ecol.* 53(1):301-310. Feb. 1984. WR 193
[The North of England Zool. Soc., Zool. Gardens, Upton-by-Chester, Cheshire CH2 1LH, England]

84-005434 Wilson, Barbara L. IDENTIFYING MEADOWLARKS IN IOWA. *Iowa Bird Life* 53(4):83-87. Dec. 1983. WR 193
[Rt. 1, Box 41, Hastings, IA 51540] *Sturnella magna* and *S. neglecta*.

OTHER PASSERINE BIRDS

84-005435 Adegoke, A. S. DIET OF THE VILLAGE WEAVER *PLOCEUS CUCULLATUS*. *Malimbus* 5(2):79-89. Dec. 1983. WR 193
[Dep. Agric. Sci., Minist. Sci. & Technol., P.O. Box 53952, Falomo, Ikoyi, Lagos, Nigeria]

OTHER PASSERINE BIRDS (CONTINUED)

84-005436 . Afik, Daniel and Berry Pinshow. NOTES ON THE BREEDING BIOLOGY OF THE ARABIAN WARBLER *SYLVIA LEUCOMELAENA* IN THE ARAVA (RIFT VALLEY), ISRAEL. *Ibis* 126(1):82-89. Jan. 1984. WR 193
[2 Arba Aratzot St., Tel-Aviv 62486, Israel]

84-005437 Alatalo, Rauno V.; Allan Carlson; Arne Lundberg and Staffan Ulfstrand. MALE DECEPTION OR FEMALE CHOICE IN THE PIED FLYCATCHER *FICEDULA HYPOLEUCA*: A REPLY. *Am. Nat.* 123(2):282-285. Feb. 1984. WR 193
[Dep. Zool., Uppsala Univ., Box 561, S-751 22, Uppsala, Sweden]

84-005438 Albrecht, J. S. M. COURTSHIP BEHAVIOR BETWEEN TREE SPARROW AND HOUSE SPARROW IN THE WILD--A POSSIBLE CASE OF HYBRIDIZATION. *Sandgrouse* No. 5. p. 97-99. 1983. WR 193
[9 Romsey Terrace, Cambridge CB1 3NH, England] *Passer domesticus* and *P. montanus* in Turkey.

84-005439 Asami, Ryouhei and Ryoichi Haga. [A STUDY OF THE POPULATION ECOLOGY OF THE BROWN DIPPER *CINCLUS PALLASII* AT THE TOKACHI RIVER SYSTEM, HOKKAIDO.] *Tori* 32(2/3):75-94. Oct. 1983. In Japanese with English summ. WR 193
[Lab. Wildl. Res. Ecol., Obihiro Univ. Agric. & Vet. Med., Obihiro, Hokkaido 080, Japan]

84-005440 Aston, Helen I. THE SPINIFEXBIRD NEAR JUNDAH, QUEENSLAND. *Aust. Bird Watcher* 10(3):79-81. Sept. 1983. WR 193
[7/5 Hazel St., Camberwell, Victoria 3124, Australia] *Eremiornis carteri* in Australia.

84-005441 Avery, Mark I. and John R. Krebs. TEMPERATURE AND FORAGING SUCCESS OF GREAT TITS *PARUS MAJOR* HUNTING FOR SPIDERS. *Ibis* 126(1):33-38. Jan. 1984. WR 193
[Edward Grey Inst. Field Ornithol., Oxford OX1 3PS, England]

84-005442 Bédard, Jean and Marie Meunier. PARENTAL CARE IN THE SAVANNAH SPARROW. *Can. J. Zool.* 61(12):2836-2843. Dec. 1983. In English with French summ. WR 193
[Dep. Biol., Fac. Sci. Gen., Univ. Laval, Ste-Foy, Québec, Canada G1K 7P4] *Passerculus sandwichensis* in Canada.

84-005443 Baker, Myron Charles; Ann E. Baker; Michael A. Cunningham; Daniel B. Thompson and Diana F. Tomback. REPLY TO "ALLOZYMES AND SONG DIALECTS: A REASSESSMENT". *Evolution* 38(2):449-451. Mar. 1984. WR 193
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523] *Zonotrichia leucophrys*.

84-005444 Baldacchino, Alfred E. and Natalino Fenech. FAN-TAILED WARBLER PATROL CALLS. *Il-Merill* No. 22. p. 20. 1981-83. WR 193
[Kestrel in Melita House, Notary Zarb St., Attard, Malta] *Cisticola juncidis* in Malta.

84-005445 Barlow, Jon C. and W. Bruce McGillivray. FORAGING AND HABITAT RELATIONSHIPS OF THE SIBLING SPECIES WILLOW FLYCATCHER (*EMPIDONAX TRAILLII*) AND ALDER FLYCATCHER (*E. ALNORUM*) IN SOUTHERN ONTARIO. *Can. J. Zool.* 61(7):1510-1516. July 1983. In English with French summ. WR 193
[Dep. Ornithol., Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6]

84-005446 Bedggood, George W. NOTES ON THE NESTING OF FLAME AND SCARLET ROBINS IN EAST GIPPSLAND. *Aust. Bird Watcher* 10(3):105-106. Sept. 1983. WR 193
[Wombat Creek, c/o PO Newmerella, Victoria 3886, Australia] *Petroica multicolor* and *P. phoenicea* in Australia.

84-005447 Beehler, Bruce. THOUGHTS ON AN ORNITHOLOGICAL MYSTERY FROM BOUGAINVILLE ISLAND, PAPUA NEW GUINEA. *Emu* 83(2):114-115. June 1983. WR 193
[MNH 114 Smithsonian Inst., Washington, DC 20560] *Vitia parens*.

84-005448 Belser, Carroll G. and John R. Sweeney. CARE OF YOUNG IN THE EASTERN BLUEBIRD. *Bull. S.C. Acad. Sci.* 42:75. 1980. Abstract only. WR 193
Sialia sialis in South Carolina.

84-005449 Belser, Carroll G. and John R. Sweeney. VERTICAL UTILIZATION OF HABITAT BY BLUEBIRDS. *Bull. S.C. Acad. Sci.* 43:71. 1981. Abstract only. WR 193
Sialia sialis in South Carolina.

84-005450 Bennett, Simon. THE NORTHERN SCRUB-ROBIN *DRYMODES SUPERCILIARIS* IN THE NORTHERN TERRITORY. *Emu* 83(2):105-107. June 1983. WR 193
[Royal Australasian Ornithol. Union, 21 Gladstone St., Moonee Ponds, Victoria 3039, Australia]

84-005451 Bentz, Per-Göran. RESTING PLACE FIDELITY AND ARRIVAL DATES OF THE WILLOW WARBLER *PHYLLOSCOPUS TROCHILUS* (L.) ON SOUTHERN GOTLAND DURING SPRING MIGRATION. *Ornis Fenn.* Suppl. 3. p. 24-26. 1983. WR 193
[Zool. Mus., Sarsgt. 1, Oslo 5, Norway]

84-005452 Bergmann, Hans-Heiner; Susanne Zietlow and Hans-Wolfgang Helb. AKTUALGENESE DES GESANGS AM BEISPIEL DER ROHRAMMER (*EMBERIZA SCHOENICLUS*). [MICROGENESIS OF SONG IN THE REED BUNTING (*EMBERIZA SCHOENICLUS*).] *J. Ornithol.* 125(1):59-67. 1984. In German with English summ. WR 193
[Fachbereich Biol./Chem., Postfach 44 69, D-4500 Osnabrüch, West Germany]

84-005453 Bibby, Colin J. STUDIES OF WEST PALEARCTIC BIRDS 186. BEARDED TIT. *Br. Birds* 76(12):549-563. Dec. 1983. WR 193
[RSPB, The Lodge, Sandy, Bedfordshire SG19 2DL, England] *Panurus biarmicus*.

OTHER PASSERINE BIRDS (CONTINUED)

84-005454 . Bingman, Verner P. IMPORTANCE OF EARTH'S MAGNETISM FOR THE SUNSET ORIENTATION OF MIGRATORY NAIVE SAVANNAH SPARROWS. *Monit. Zool. Ital.* 17(4):395-400. 1983. In English with Italian summ. WR 193
[Zool. Inst. Univ., J. W. Goethe Univ., Siesmayerstr. 70, D-6000 Frankfurt/M., West Germany] *Passerculus sandwichensis*.

84-005455 Bird, Joan Ruth. BEHAVIORAL AND ECOLOGICAL COMPARISONS OF LESSER ANTILLEAN BULLFINCHES: A STUDY OF THE EVOLUTION OF SEXUAL DIMORPHISM AND MONOMORPHISM. *Ph.D. dissertation, Univ. Mont.* 213p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2355. Feb. 1984. WR 193
Loxigila noctis.

84-005456 Bischof, Hans-Joachim. DER BALZGESANG DES ZEBRAFINKEN: STEUERUNG DURCH REIZABHÄNGIGE UND REIZUNABHÄNGIGE FAKTOREN. [CONTROL OF THE COURTSHIP BEHAVIOUR OF THE ZEBRA FINCH BY STIMULUS-DEPENDENT AND STIMULUS-INDEPENDENT FACTORS.] *Verh. Dtsch. Zool. Ges.* 76:186. 1983. German abstract only. WR 193
[Univ. Bielefeld, Fak. Biol., Lehrstuhl Verhaltensphysiol., Postfach 8640, D-4800 Bielefeld 1, West Germany] *Poephila guttata*.

84-005457 Blackburn, A. EFFECT OF RAIN ON FANTAIL NEST-BUILDING. *Notornis* 30(4):336-337. Dec. 1983. WR 193
[10 Score Rd., Gisborne, New Zealand] *Rhipidura fuliginosa placabilis* in New Zealand.

84-005458 Boehm, E. F. RESULTS FROM BANDING BROWN TREECREEPERS. *Corella* 6(1):16-17. Mar. 1982. WR 193
[5 Perth Ave., Valley View, South Australia 5093, Australia] *Climacteris picumnus* in Australia.

84-005459 Bohlen, H. David. WESTERN WOOD-PEWEE IN SANGAMON COUNTY, ILLINOIS. *Ill. Audubon Bull.* No. 205. p. 39. 1983. WR 193
[Ill. State Mus., Springfield 62706] *Contopus sordidulus*.

84-005460 Boles, Walter E. A TAXONOMIC REVISION OF THE BROWN THORNBILL *ACANTHIZA PUSILLA* (SHAW) 1790 WITH DESCRIPTION OF A NEW SUB-SPECIES. *Emu* 83(2):51-58. June 1983. WR 193
[Dep. Ornithol., Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia] *A. p. mcgilli*.

84-005461 Boxall, Peter C. OBSERVATIONS SUGGESTING PARENTAL DIVISION OF LABOR BY AMERICAN REDSTARTS. *Wilson Bull.* 95(4):673-674. Dec. 1983. WR 193
[Fish & Wildl. Div., Energy & Nat. Resour., South Tower, Petroleum Plaza, 9915-108 St., Edmonton, Alberta, Canada T5K 2C9] *Setophaga ruticilla* in Canada.

84-005462 Braun, David; G. B. Kitto and M. J. Braun. MOLECULAR POPULATION GENETICS OF TUFTED AND BLACK-CRESTED FORMS OF *PARUS BICOLOR*. *Auk* 101(1):170-173. Jan. 1984. WR 193
[3403 King St., Austin, TX 78705]

84-005463 Breek, C. J. CITROENKWIKSTAART IN OOSTENRIJK IN APRIL 1983. [CITRINE WAGTAIL IN AUSTRIA IN APRIL 1983.] *Dutch Birding* 5(2-3):76-78. June-Sept. 1983. In Dutch with English summ. WR 193
[Karveel 58-66, 8242 WC Lelystad, Netherlands] *Motacilla citreola*.

84-005464 Brennan, Kym. THE LITTLE GRASSBIRD *MEGALURUS GRAMINEUS* IN THE NORTH-EASTERN KIMBERLEY, WESTERN AUSTRALIA. *Emu* 83(2):115-116. June 1983. WR 193
[Alligator Rivers Region Res. Inst., Jabiru East, Northern Territory 5796, Australia]

84-005465 Brickell, Neville. THE LEMON-BREASTED CANARY *SERINUS CITRINIPECTUS*. *Avic. Mag.* 89(3):159-160. July-Sept. 1983. WR 193
[Natal Avic. Soc., South Africa]

84-005466 Brinkman, Jan Jaap. KENMERKEN VAN NOORDSE BOSZANGER EN GRAUWE FITIS. [CHARACTERS OF ARCTIC AND GREENISH WARBLER.] *Dutch Birding* 5(4):104-105. Dec. 1983. In Dutch with English summ. WR 193
[Bilderdijkstraat 145, 1053 KN Amsterdam, Netherlands] *Phylloscopus borealis* and *P. trochiloides*.

84-005467 Britten, Michael W. A FORK-TAILED FLYCATCHER IN FLORIDA. *Fla. Field Nat.* 12(1):10-11. Feb. 1984. WR 193
[9705 Waterfront Dr., Manassas, VA 22110] *Tyrannus savana*.

84-005468 Brown, Charles R. LIGHT-BREASTED PURPLE MARTINS DOMINATE DARK-BREASTED BIRDS IN A ROOST: IMPLICATIONS FOR FEMALE MIMICRY. *Auk* 101(1):162-164. Jan. 1984. WR 193
[Dep. Biol., Princeton Univ., Princeton, NJ 08544] *Progne subis* in Arizona.

84-005469 Buggs, Andy. A NORTHERN WHEATEAR SIGHTED IN WINONA COUNTY. *Loon* 55(4):151-153. 1983. WR 193
[Rt. 1, Box 243, Minnesota City, MN 55959] *Oenanthe oenanthe* in Minnesota.

84-005470 Burtt, Edward H., Jr. COMPARATIVE IMPLICATIONS OF BATHING BY A WILLOW FLYCATCHER. *J. Field Ornithol.* 54(4):417-418. 1983. WR 193
[Dep. Zool., Ohio Wesleyan Univ., Delaware, OH 43015] *Empidonax traillii* in Ohio.

84-005471 Callaghan, E. BREEDING THE BLACK-HEADED GROSBEAK *PHEUCTICUS MELANOCEPHALUS*. *Avic. Mag.* 89(3):137-145. July-Sept. 1983. WR 193
[Co. Dublin, Eire, Ireland]

84-005472 Campos Ramírez, Rafael Gmo. and Ana Patricia Morúa Navarro. DISTRIBUCION DEL GORRION COMUN (*PASSER DOMESTICUS*) EN COSTA RICA: TRES NUEVAS LOCALIDADES. [DISTRIBUTION OF THE HOUSE SPARROW, (*PASSER DOMESTICUS*) IN COSTA RICA: THREE NEW LOCALITIES.] *Brenesia* 21:409-410. Nov. 1983. In Spanish with English summ. WR 193
[Escuela Biol., Univ. Costa Rica, Cuidad Universitaria "Rodrigo Facio", Costa Rica]

84-005473 Cannell, Peter F.; Jeffrey D. Cherry and Kenneth C. Parkes. VARIATION AND MIGRATION OVERLAP IN FLIGHT FEATHER MOLT OF THE ROSE-BREASTED GROSBEAK. *Wilson Bull.* 95(4):621-627. Dec. 1983. WR 193
[Ornithol. Dep., Am. Mus. Nat. Hist., 79th St. & Central Park West, New York, NY 10024] *Pheucticus ludovicianus* in Canada.

84-005474 Carlén, Thomas. HOLKHÄCKANDE SKÄRPIPLÄRKOR. [ROCK PIPITS, *ANTHUS SPINOLETTA LITTORALIS*, BREEDING IN NESTBOX.] *Var Fagelvarld* 43(1):41-42. 1984. In Swedish with English summ. WR 193
[Nidingens Fågelstn., Box 10305, 434 01 Kungsbacka 1, Sweden]

84-005475 Carrel, James E. TREE SWALLOW FLOCK PREYS ON SWARMING TERMITES. *Fla. Field Nat.* 12(1):12-13. Feb. 1984. WR 193
[Div. Biol. Sci., 209 Tucker Hall, Univ. Mo., Columbia 65211] *Iridoprocne bicolor* in Florida.

84-005476 Catchpole, Clive K. VARIATION IN THE SONG OF THE GREAT REED WARBLER *ACROCEPHALUS ARUNDINACEUS* IN RELATION TO MATE ATTRACTION AND TERRITORIAL DEFENCE. *Anim. Behav.* 31(4):1217-1225. Nov. 1983. WR 193
[Dep. Zool., Bedford Coll., Univ. London, Regent's Park, London NW1 4NS, England]

84-005477 Chapel, Robert. ILLINOIS' BREEDING PINE SISKINS. *Ill. Audubon Bull.* 207:46-48. 1983/4. WR 193
[308 W. Washington, Urbana, IL 61801] *Carduelis pinus*.

84-005478 Cheke, Anthony S. STATUS AND ECOLOGY OF THE MAURITIUS FODY *FOUDIA RUBRA*, AN ENDANGERED SPECIES. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 43-56. 1983. WR 193
[Moorcote, Ellingstring, Near Ripon, North Yorkshire, England]

84-005479 Clapp, G. E. FURTHER NOTES ON THE WILLIE WAGTAIL *RHIPIDURA LEUCOPHRYS* IN PAPUA NEW GUINEA: WALKING/RUNNING AND OPPORTUNISTIC FEEDING. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 5-8. Mar.-Apr. 1983. WR 193
[P.O. Box 188, Popondetta, Oro Province, Papua New Guinea]

84-005480 Claridge, J. C. R. WELCOME SWALLOWS AT THE AUCKLAND ISLANDS. *Notornis* 30(4):282. Dec. 1983. WR 193
[17 Moana Rd., Plimmerton, New Zealand] *Hirundo neoxena* in New Zealand.

84-005481 Clarke, Michael F. CO-OPERATIVE BREEDING BY THE AUSTRALIAN BELL MINER *MANORINA MELANOPHRYS* LATHAM: A TEST OF KIN SELECTION THEORY. *Behav. Ecol. Sociobiol.* 14(2):137-146. 1984. WR 193
[Dep. Zool., Univ. Melbourne, Parkville, Victoria 3052, Australia]

84-005482 Collins, B. G. A FIRST APPROXIMATION OF THE ENERGETICS OF CAPE SUGARBIRDS *(PROMEROPS CAFER)* AND ORANGE-BREASTED SUNBIRDS *(NECTARINIA VIOLACEA)*. *S. Afr. J. Zool.* 18(4):363-369. Nov. 1983. In English with

OTHER PASSERINE BIRDS (CONTINUED)

84-005482 CONTINUED Afrikaans summ. WR 193
[School Biol., Western Australian Inst. Technol., Kent St., Bentley, Western Australia 6102, Australia]

84-005483 Collins, Brian G. POLLINATION OF *MIMETES HIRTUS* (PROTEACEAE) BY CAPE SUGARBIRDS AND ORANGE-BREASTED SUNBIRDS. *J. S. Afr. Bot.* 49(2):125-142. 1983. In English with Afrikaans summ. WR 193
[School Biol., Western Australian Inst. Technol., Kent St., Bentley 6102, Western Australia, Australia] *Promerops cafer* and *Nectarinia violacea* in South Africa.

84-005484 Collyer, A. A.; J. Beadman and T. H. Hill. SIMILARITY BETWEEN SONGS OF TWO LOCUSTELLA WARBLERS AND STRIDULATION OF ROESEL'S BUSH-CRICKET. *Br. Birds* 77(3):112-115. Mar. 1984. WR 193
[Dep. Appl. Physics, Sheffield City Ploytech., Pond St., Sheffield S1 1WB, England] *Locustella luscinioides* and *L. naevia*.

84-005485 Colston, P. R. and G. J. Morel. A NEW SUBSPECIES OF THE AFRICAN REED WARBLER *ACROCEPHALUS BAETICATUS* FROM SENEGAL. *Bull. Br. Ornithol. Club* 104(1):3-5. Mar. 1984. WR 193
[Br. Mus. (Nat. Hist.), Tring, Herts., HP23 6AP, England] *A. b. guiersi*.

84-005486 Curry, Ed and Martha Curry. A BRAMBLING IN COLORADO. *C.F.O. (Colo. Field Ornithol.) J.* 18(1):3. 1984. WR 193
[P.O. Box 6009, Colorado Springs, CO 80934] *Fringilla montifringilla*.

84-005487 Davies, N. B. POLYANDRY, CLOACA-PECKING AND SPERM COMPETITION IN DUNNOCKS. *Nature* 302(5906):334-336. 24 Mar. 1983. WR 193
[Dep. Zool., Univ. Cambridge, Downing St., Cambridge, England CB2 3EJ] *Prunella modularis* in England.

84-005488 Dawson, S. M. and P. F. Jenkins. CHAFFINCH SONG REPERTOIRES AND THE BEAU GESTE HYPOTHESIS. *Behaviour* 87(3-4):256-269. 1983. In English with German summ. WR 193
[Dep. Zool., Univ. Auckland, Auckland, New Zealand] *Fringilla coelebs*.

84-005489 de la Peña, Martín R. NOTAS NIDOBIOLOGICAS SOBRE FRINGILIDOS (AVES, EMBERIZIDAE) (CUARTA PARTE). [NIDOBIOLOGICAL OBSERVATIONS ON SOME EMBERIZIDE BIRDS (AVES: EMBERIZIDAE).] *Hist. Nat. (Mendoza)* 3(14):141-143. 1983. In Spanish with English summ. WR 193
[Simón Iriondo 3218, 3080 Esperanza, Santa Fe, Argentina] Data from 6 taxa of *Phrygilus* in Argentina.

84-005490 de Naurois, René. LA MOUCHEROLLE ENDÉMIQUE DE L'ILE DE SÃO TOMÉ, *TERPSIPHONE ATROCHALYBEIA* (THOMSON 1842). [THE ENDEMIC PARADISE FLYCATCHER *TERPSIPHONE ATROCHALYBEIA* (THOMSON 1842) OF SÃO TOMÉ ISLAND.] *Alauda* 52(1):31-44. 1984. In French with English summ. WR 193
[2 Allée des Daims, 91800 Brunoy, France]

OTHER PASSERINE BIRDS (CONTINUED)

84-005491 de Wijs, Rombout. CHIFFCHAFF IN THE NETHERLANDS WITH SONG RESEMBLING SIBERIAN RACE. *Br. Birds* 77(1):24-25. Jan. 1984. WR 193
[Stalpaertstr. 10, 1222 HW Hilversum, Netherlands] *Phylloscopus collybita.*

84-005492 Dean, A. R. ICTERINE AND MELODIOUS WARBLERS IN SOUTHWEST BRITAIN. *Br. Birds* 77(3):116-117. Mar. 1984. WR 193
[2 Charingworth Rd., Solihull, West Medlands B92 8HT, England] *Hippolais polyglotta* and *H. icterina.*

84-005493 Debussche, M. and P. Isenmann. PREMIÈRES INDICATIONS SUR LA SÉDENTARITÉ DANS SON QUARTIER D'HIVER CHEZ LE ROITELET TRIPLE-BANDEAU (*REGULUS IGNICAPILLUS*). [FIRST INDICATIONS OF THE FIRECREST *REGULUS IGNICAPILLUS* BEING SEDENTARY IN ITS WINTER QUARTERS.] *Alauda* 52(1):65-67. 1984. In French with English summ. WR 193
[Cent. Etud. Phytosociol. & Ecol., B.P. 5051, 34033 Montpellier Cedex, France]

84-005494 Dittberner, Hartmut and Winfred Dittberner. EIN DOPPELNEST DER BEUTELMEISE, *REMIZ PENDULINUS* (L.). [A DOUBLE NEST OF *REMIZ PENDULINUS* (L.).] *Beitr. Vogelkd.* 29(3):177-179. 1983. In German. WR 193
[Karl-Frank-Str. 24, 1162 Berlin, East Germany]

84-005495 Dorsch, Harald. VERGLEICHENDE UNTERSUCHUNGEN VON KÖRPERMAßEN EINER UNGARISCHEN UND EINER LEIPZIGER TEICHROHRSÄNGER-POPULATION (*ACROCEPHALUS SCIRPACEUS* [HERM.]). (AVES, PASSERIFORMES SYLVIIDAE). [COMPARATIVE INVESTIGATIONS OF BODY MEASURES OF BOTH A REED WARBLER POPULATION FROM HUNGARY AND FROM LEIPZIG.] *Zool. Abh. (Dres.)* 39(5):67-69. 1983. In German with English summ. WR 193
[Hermann-Starke-Str. 16, 7154 Miltitz, East Germany]

84-005496 Dring, Peter and Timothy Dring. HOUSE WREN FATALITIES IN GYPSY MOTH TRAPS. *N. Am. Bird Bander* 8(3):97. July-Sept. 1983. WR 193
[P.O. Box 92, Willow Springs, IL 60480] *Troglodytes aedon* in Illinois.

84-005497 Dyrcz, Andrzej. BREEDING BIOLOGY OF THE MANGROVE SWALLOW *TACHYCINETA ALBILINEA* AND THE GREY-BREASTED MARTIN *PROGNE CHALYBEA* AT BARRO COLORADO ISLAND, PANAMA. *Ibis* 126(1):59-66. Jan. 1984. WR 193
[Dep. Avian Ecol., Wroclaw Univ., Sienkiewicza 21, 50-335 Wroclaw, Poland]

84-005498 Earlé, R. A. SURVIVAL OF A CLIFF SWALLOW WITHOUT FOOD. *Safring News* 12(2):43. 1983. WR 193
[Natl. Mus., P.O. Box 266, Bloemfontein 9300, South Africa] *Hirundo spilodera* in South Africa.

84-005499 Earlé, R. A. and T. B. Oatley. POPULATIONS, ECOLOGY AND BREEDING OF THE ORANGE THRUSH AT TWO SITES IN EASTERN SOUTH AFRICA. *Ostrich* 54(4):205-212. Dec. 1983. WR 193
[Natl. Mus., P.O. Box 266, Bloemfontein 9300, South Africa] *Turdus gurneyi.*

OTHER PASSERINE BIRDS (CONTINUED)

84-005500 Eckert, Kim. SUMMER RECORD OF A LAPLAND LONGSPUR. *Loon* 55(4):178. 1983. WR 193
[9735 North Shore Dr., Duluth, MN 55804] *Calcarius lapponicus* in Minnesota.

84-005501 Ekman, Jan. DENSITY-DEPENDENT SEASONAL MORTALITY AND POPULATION FLUCTUATIONS OF THE TEMPERATURE-ZONE WILLOW TIT *(PARUS MONTANUS)*. *J. Anim. Ecol.* 53(1):119-134. Feb. 1984. WR 193
[Dep. Zool., Univ. Gothenburg, Box 250 59, S-400 31, Gothenburg, Sweden]

84-005502 Eyre, John. WILLOW TITS STORING FOOD. *Br. Birds* 77(3):118-119. Mar. 1984. WR 193
[9 Millbrook End, Tattenhall, Cheshire, England] *Parus montanus* in England.

84-005503 Finch, B. W. PARTY OF SEVEN STRAITED SWALLOWS *HIRUNDO (DAURICA) STRIOLATA* AT MOITAKA/WAGANI SWAMP C.P. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 14. Mar.-Apr. 1983. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-005504 Finch, Brian W. SHOULD THE YELLOW-TINTED HONEYEATER BE ON THE NEW GUINEA LIST? *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 11-13. Mar.-Apr. 1983. WR 193
[P.O. BOx 496, Port Moresby, Papua New Guinea] *Meliphaga flavescens*.

84-005505 Finch, Brian W. SIBERIAN RUBYTHROAT *ERITHACUS CALLIOPS* A NEW SPECIES FOR THE AUSTRALASIAN REGION. *Papua New Guinea Bird Soc. Newsl.* No. 201-202. p. 31. Mar.-Apr. 1983. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-005506 Finch, Brian W. FAIRY MARTIN *HIRUNDO ARIEL* AT KANOSIA LAGOON, FIRST RECORD FOR CENTRAL PROVINCE. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 12. July-Aug. 1982. WR 193
[P.O. BOx 496, Port Moresby, Papua New Guinea]

84-005507 Finch, Brian W. LAWE'S SIX-WIRED BIRD OF PARADISE *PAROTIA LAWESII* AT KURIVA, C.P. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 28. July-Aug. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-005508 Finck, Elmer John. MALE BEHAVIOR, TERRITORY QUALITY AND FEMALE CHOICE IN THE DICKCISSEL (*SPIZA AMERICANA*). *Ph.D. dissertation, Kans. State Univ.* 89p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1332. Nov. 1983. WR 193

84-005509 Ford, Hugh A. and J. F. Pursey. STATUS AND FEEDING OF THE EASTERN SPINEBILL *ACANTHORHYNCHUS TENUIROSTRIS* AT NEW ENGLAND NATIONAL PARK, NORTH-EASTERN NSW. *Emu* 82(4):203-211. Dec. 1982. WR 193
[Dep. Zool., Univ. New England, Armidale, New South Wales 2351, Australia]

84-005510 Ford, Julian. HYBRID PHENOTYPES IN MALE FIGBIRDS *SPHECOTHERES VIRIDIS* IN QUEENSLAND. *Emu* 82(3):126-130. Aug. 1982. WR 193
[Western Australian Inst. Technol., Bentley, Western Australia 6102, Australia]

OTHER PASSERINE BIRDS (CONTINUED)

84-005511 Franzreb, Kathleen E. INTERSEXUAL HABITAT PATITIONING IN YELLOW-RUMPED WARBLERS DURING THE BREEDING SEASON. *Wilson Bull.* 95(4):581-590. Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., Endangered Species Office, 2800 Cottage Way, Sacramento, CA 95825] *Dendroica coronata* in Arizona.

84-005512 Fredriksson, Stig and Sören Svensson. TVÅ ÄNGSPIPLÄRKOR RUVAR ELVA ÄGG I SAMMA BO. [TWO MEADOW PIPITS, *ANTHUS PRATENSIS*, INCUBATED ELEVEN EGGS IN THE SAME NEST.] *Var Fagelvarld* 43(1):42. 1984. In Swedish with English summ. WR 193
[Hamneskärsgatan 8 B, 414 61 Göteborg, Sweden]

84-005513 Fuchs, Jannon L. EFFECTS OF PINEALECTOMY AND SUBSEQUENT MELATONIN IMPLANTS ON ACTIVITY RHYTHMS IN THE HOUSE FINCH *(CARPODACUS MEXICANUS). J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 153(3):413-419. 1983. WR 193
[Dep. Psychol., Univ. Ill., Champaign 61820]

84-005514 Gauci, Charles and Joe Sultana. MOULT AND BIOMETRICS OF CORN BUNTINGS IN MALTA. *Il-Merill* No. 22. p. 12-16. 1981-83. WR 193
[Skylark, Targa Gap Estate, Mosta, Malta] *Miliaria calandra.*

84-005515 Glück, Erich. KOMMUNIKATION BEIM STIEGLITZ (*CARDUELIS CARDUELIS* L.) ZUR AUSBEUTUNG LOKALER NAHRUNGSRESSOURCEN. [COMMUNICATION IN THE GOLDFINCH (*CARDUELIS CARDUELIS* L.) FOR THE EXPLOITATION OF LOCAL FOOD RESOURCES.] *Verh. Dtsch. Zool. Ges.* 76:173. 1983. German abstract only. WR 193
[Lehrstuhl Biol. V (Ökol.) RWTH Aachen, Kopernikusstr. 16, D-5100 Aachen, West Germany]

84-005516 Gold, Clifford S. and Donald L. Dahlsten. EFFECTS OF PARASITIC FLIES (*PROTOCALLIPHORA* SPP.) ON NESTLINGS OF MOUNTAIN AND CHESTNUT-BACKED CHICKADEES. *Wilson Bull.* 95(4):560-572. Dec. 1983. WR 193
[Div. Biol. Control, Univ. Calif., Berkeley] *Parus rufescens* and *P. gambeli* in California.

84-005517 Gowaty, Patricia Adair. MALE PARENTAL CARE AND APPARENT MONOGAMY AMONG EASTERN BLUEBIRDS (*SIALIA SIALIS*). *Am. Nat.* 121(2):149-157. Feb. 1983. WR 193
[Dep. Zool., Sutton Hall, Univ. Okla., Norman 73019]

84-005518 Grant, B. R. and P. R. Grant. FISSION AND FUSION IN A POPULATION OF DARWIN'S FINCHES: AN EXAMPLE OF THE VALUE OF STUDYING INDIVIDUALS IN ECOLOGY. *Oikos* 41(3):530-547. Dec. 1983. In English with Russian summ. WR 193
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Geospiza conirostris* in the Galapagos Islands.

84-005519 Grant, P. R. INHERITANCE OF SIZE AND SHAPE IN A POPULATION OF DARWIN'S FINCHES, *GEOSPIZA CONIROSTRIS*. *Proc. R. Soc. Lond. B Biol. Sci.* 220(1219):219-236. 22 Dec. 1983. WR 193
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109]

OTHER PASSERINE BIRDS (CONTINUED)

84-005520 Graves, Gary R.; Mark B. Robbins and J. V. Remsen, Jr. AGE AND SEXUAL DIFFERENCE IN SPATIAL DISTRIBUTION AND MOBILITY IN MANAKINS (PIPRIDAE): INFERENCES FROM MIST-NETTING. *J. Field Ornithol.* 54(4):407-412. 1983. WR 193
[Dep. Biol. Sci., Fla. State Univ., Tallahassee 32306] *Chiroxiphia pareola boliviana* and *Pipra chloromeros* in Bolivia.

84-005521 Grech, John. OCCURRENCE OF A HYBRID SWALLOW X HOUSE MARTIN. *Il-Merill* No. 22. p. 16. 1981-83. WR 193
[12, Sir Paul Boffa St., Victoria, Gozo, Malta] *Delichon urbica* and *Hirundo rustica* in Malta.

84-005522 Greenberg, Russell. THE ROLE OF NEOPHOBIA IN DETERMINING THE DEGREE OF FORAGING SPECIALIZATION IN SOME MIGRANT WARBLERS. *Am. Nat.* 122(4):444-453. Oct. 1983. WR 193
[Dep. Zool. Res., Natl. Zool. Park, Smithsonian Inst., Washington, DC 20009] *Dendroica* spp.

84-005523 Gubitz, Christian. BOEBACHTUNGEN ZUR BIOLOGIE DER HAUBENLERCHE *GALERIDA CRISTATA*. [OBSERVATIONS ON THE BIOLOGY OF *GALERIDA CRISTATA*.] *Anz. Ornithol. Ges. Bayern* 22(3):177-196. Dec. 1983. In German with English summ. WR 193
[Spizwegstr. 46, 8580 Bayreuth, West Germany]

84-005524 Gunnarsson, Sigurdur. GRÁTHRESTIR Á HÚSAVÍK HAUSTID 1982. [FIELDFARES *TURDUS PILARIS* AT HÚSAVÍK (NE. ICELAND), IN UNUSUALLY LARGE NUMBERS IN AUTUMN 1982.] *Bliki* 2:55-57. Dec. 1983. In Icelandic with English summ. WR 193
[Ytri-Hlíd, 640 Húsavík, Iceland]

84-005525 Hall, K. J. IDENTIFICATION OF WILLOW TIT. *Br. Birds* 77(3):117-118. Mar. 1984. WR 193
[The Anchorage, The Chalks, Chew Magna, Bristol BS18 8SN, England] *Parus montanus*.

84-005526 Halvorsen, Harvey H. and Bruce R. Bacon. USE OF A BLUEBIRD NEST BOX TRAIL BY TREE SWALLOWS IN CENTRAL WISCONSIN. *Passenger Pigeon* 45(4):117-124. 1983. WR 193
[P.O. Box 1506, Douglas, WY 82633] *Iridoprocne bicolor*.

84-005527 Hamel, Paul B. and Steven J. Wagner. STATUS OF THE HOUSE FINCH IN SOUTH CAROLINA, INCLUDING DISCOVERY OF TWO NESTS IN CLEMSON. *Chat* 48(1):5-7. 1984. WR 193
[Dep. Biol. Sci., Clemson Univ., Clemson, SC 29631] *Carpodacus mexicanus*.

84-005528 Harrison, Ronald. SEDGE WARBLER FEEDING ON GROUND. *Br. Birds* 77(3):115-116. Mar. 1984. WR 193
[8 St. Albans Crescent, West Timperley, Altrincham, Cheshire, England] *Acrocephalus schoenobaenus* in England.

OTHER PASSERINE BIRDS (CONTINUED)

84-005529 Henderson, D. G. and R. H. Green. AGEING AND SEXING ENDEMIC TASMANIAN HONEYEATERS. *Corella* 6(2):44-45. June 1982. WR 193
[P.O. Box 29, Legana, Tasmania 7251, Australia] *Meliphaga flavicollis, Melithreptus validirostris, M. affinis* and *Anthochaera paradox* in Australia.

84-005530 Hendricks, Paul and Jon E. Swenson. DYNAMICS OF THE WINTER DISTRIBUTION OF ROSY FINCHES, *LEUCOSTICTE ARCTOA*, IN MONTANA. *Can. Field-Nat.* 97(3):307-310. July-Sept. 1983. WR 193
[Dep. Zool., Univ. Mont., Missoula 59812]

84-005531 Hewston, N. BREEDING THE WHITE-BROWED LAUGHINGTHRUSH *GARRULAX SANNIO*. *Avic. Mag.* 89(2):63-66. 1983. WR 193

84-005532 Hirschfeld, Erik. PROBLEMET ATT I FÄLT SKILJA TRÄDKRYPAREN *CERTHIA FAMILIARIS* OCH TRÄDGÅRDSTRÄDKRYPAREN *CERTHIA BRACHYDACTYLA*. [THE PROBLEMS OF IDENTIFICATION OF TREECREEPERS *CERTHIA FAMILIARIS* AND SHORT-TOED TREECREEPERS *C. BRACHYDACTYLA* IN THE FIELD.] *Var Fagelvarld* 43(1):21-26. 1984. In Swedish with English summ. WR 193
[Kristianstadsgatan 13, 214 23 Malmö, Sweden]

84-005533 Hoffman, Ken and Molly Hoffman. GRASSHOPPER SPARROW AT GRAND MARAIS. *Loon* 55(4):180. 1983. WR 193
[Gunflint Trail, Box 58, Grand Marais, MN 55604] *Ammodramus savannarum* in Minnesota.

84-005534 Holroyd, Geoffrey Liddell. FORAGING STRATEGIES AND FOOD OF A SWALLOW GUILD. *Ph.D. dissertation, Univ. Toronto (Canada)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(9):2641-2642. Mar. 1984. WR 193

84-005535 Horlbeck, Frederick H.; Eleanor Horlbeck and William Post. FIRST SOUTH CAROLINA SPECIMEN OF THE BLACK-THROATED GRAY WARBLER. *Chat* 48(1):16. 1984. WR 193
[Wampee Plantation, Wadmalaw Island, SC] *Dendroica nigrescens*.

84-005536 Jansson, Rolf. TIDIG HÄCKNING OCH VÅRFLYTTNING HOS DUBBELTRAST. [EARLY BREEDING AND SPRING MIGRATION OF MISTLE THRUSH, *TURDUS VISCIVORUS*.] *Var Fagelvarld* 43(1):43-44. 1984. In Swedish with English summ. WR 193
[Götgatan 15 A, 361 00 Emmaboda, Sweden]

84-005537 Jenkins, David. SONG-FLIGHTING MISTLE THRUSH. *Scott. Birds* 12(8):259. 1983. WR 193
Turdus viscivorus in Scotland.

84-005538 Jennings, Jerry. BREEDING THE SHAFTAIL FINCHES. *A.F.A. Watchbird* 10(5):30-33. Oct.-Nov. 1983. WR 193
Poephila acuticauda.

OTHER PASSERINE BIRDS (CONTINUED)

84-005539 Jickling, Bob. THE BOULDER BRAMBLING. *C.F.O. (Colo. Field Ornithol.) J.* 18(1):3-4. 1984. WR 193
[310 Skylark Way, Boulder, CO 80303] *Fringilla montifringilla*.

84-005540 Johnson, David H. EASTERN BLUEBIRDS RAISE THREE BROODS IN HUBBARD COUNTY. *Loon* 55(4):180-181. 1983. WR 193
[Red Lake W. M. A., Box 100, Roosevelt, MN 56673] *Sialia sialis* in Minnesota.

84-005541 Königstedt, Dietmar. ÜBER DEN GESANG DER WEIDENMEISEN (*PARUS MONTANUS*) IN DER WEST-TATRA (ZÁPADNÉ TATRY). [ABOUT THE SONG OF *PARUS MONTANUS* IN THE WEST-TATRA (ZÁPADNÉ).] *Beitr. Vogelkd.* 29(3):176-177. 1983. In German. WR 193
[Erich-Weinert-Str. 9, 2200 Greifswald, East Germany]

84-005542 Kalmus, H. WALL CLINGING: ENERGY SAVING BY THE HOUSE SPARROW *PASSER DOMESTICUS*. *Ibis* 126(1):72-74. Jan. 1984. WR 193
[Galton Lab., Dep. Genet. & Biometry, Univ. Coll. London, Wolfson House, 4 Stephenson Way, London NW1 2HE, England]

84-005543 Kania, Wojciech. PRELIMINARY REMARKS ON THE MIGRATION OF NORTH EUROPEAN GOLDCRESTS *REGULUS REGULUS*. *Ornis Fenn.* Suppl. 3. p. 29-30. 1983. WR 193
[Stacja Ornitol. IZ PAN, PL-80-680 Gdansk 40, Poland]

84-005544 Kennedy, John H. BEHAVIOUR OF COAL TIT DURING SNOW STORM. *Br. Birds* 77(3):119. Mar. 1984. WR 193
[1 Home Farm Close, Chesterton, Bicester, Oxford OX6 8TZ, England] *Parus ater* in England.

84-005545 Ketterson, Ellen D. and Val Nolan, Jr. AUTUMNAL ZUGUNRUHE AND MIGRATORY FATTENING OF DARK-EYED JUNCOS APPARENTLY SUPPRESSED BY DETENTION AT THE WINTERING SITE. *Wilson Bull.* 95(4):628-635. Dec. 1983. WR 193
[Dep. Biol., Indiana Univ., Bloomington 47405] *Junco hyemalis hyemalis*.

84-005546 Ketterson, Ellen D. and Val Nolan, Jr. BEHAVIOR OF MIGRATORY DARK-EYED JUNCOS FOLLOWING RELEASE IN THE WINTER RANGE DURING THE BREEDING SEASON. *J. Field Ornithol.* 54(4):387-393. 1983. WR 193
[Dep. Biol., Indiana Univ., Bloomington 47405] *Junco hyemalis hyemalis*.

84-005547 Khayutin, S. N. and L. P. Dmitrieva. [THE ONTOGENESIS OF ACOUSTIC AND VISUAL MECHANISMS PROVIDING THE NATURAL BEHAVIOUR OF NESTLINGS IN *FICEDULA HYPOLEUCA*]. *Zool. Zh.* 62(12):1838-1850. Dec. 1983. In Russian with English summ. WR 193
[Inst. Higher Nervous Activity, Acad. Sci., Moscow, USSR]

84-005548 King, James R. and Mary E. Murphy. FAULT BARS IN THE FEATHERS OF WHITE-CROWNED SPARROWS: DIETARY DEFICIENCY OR STRESS OF CAPTIVITY AND HANDLING? *Auk* 101(1):168-169. Jan. 1984. WR 193
[Dep. Zool., Wash. State Univ., Pullman 99164] *Zonotrichia leucophrys*.

OTHER PASSERINE BIRDS (CONTINUED)

84-005549 Kiziroglu, Ilhami. BIOMETRISCHE UNTERSUCHUNGEN AN VIER MEISENARTEN (*PARUS* SPP.) IN DER UMGEBUNG VON ANKARA. [BIOMETRICAL EXAMINATION OF FOUR SPECIES OF TIT (*PARUS* SPP.) FROM THE VICINITY OF ANKARA (TURKEY).] *Bonn. Zool. Beitr.* 34(4):453-458. Dec. 1983. In German with English summ. WR 193
[Hacettepe Univ., Fen Fak. Zool. Bölümü, Beytepe Kampüsü, Ankara, Turkey]

84-005550 Klose, Alfred. ISABELLWÜRGER *LANIUS ISABELLINUS* AN DER DONAU BEI PFATTER/REGENSBURG. [*LANIUS ISABELLINUS* ON THE DANUBE BY PFATTER/REGENSBURG.] *Anz. Ornithol. Ges. Bayern* 22(3):223. Dec. 1983. In German with English summ. WR 193
[Kalmünzer Gasse 5, 8400 Regensburg, West Germany]

84-005551 Klump, G. M. and E. Curio. WHY DON'T SPECTRA OF SONGBIRDS' VOCALIZATIONS CORRESPOND WITH THE SENSITIVITY MAXIMA OF THEIR ABSOLUTE THRESHOLD CURVES? *Verh. Dtsch. Zool. Ges.* 76:182. 1983. English abstract only. WR 193
[Arbeitsgruppe Verhaltensforsch., Abteilung Biol., Ruhr-Univ., Postfach 102148, D-4630 Bonn 1, West Germany] *Parus major*.

84-005552 Knapton, R. W. and J. B. Falls. DIFFERENCES IN PARENTAL CONTRIBUTION AMONG PAIR TYPES IN THE POLYMORPHIC WHITE-THROATED SPARROW. *Can. J. Zool.* 61(6):1288-1292. June 1983. In English with French summ. WR 193
[Dep. Biol. Sci., Brock Univ., St. Catherines, Ontario, Canada L2S 3A1]

84-005553 Knox, Alan. THE CRESTED TIT ON DEESIDE. *Scott. Birds* 12(8):255-258. 1983. WR 193
Parus cristatus in Scotland.

84-005554 Kowalski, Michael P. IDENTIFYING MOURNING AND MACGILLIVRAY'S WARBLERS: GEOGRAPHIC VARIATION IN THE MACGILLIVRAY'S WARBLER AS A SOURCE OF ERROR. *N. Am. Bird Bander* 8(2):56-57. Apr.-June 1983. WR 193
[5690 Kings Rd., Bloomington, IN 47401] *Oporornis philadelphia* and *O. tolmiei*.

84-005555 Kramer, Howard Gary. THE SONG PATTERNING OF SONG SPARROWS, *MELOSPIZA MELODIA*, IN RELATION TO TERRITORIAL DEFENSE. *Ph.D. dissertation, McGill Univ. (Canada)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1377. Nov. 1983. WR 193

84-005556 Kroodsma, Donald E. SONGS OF THE ALDER FLYCATCHER (*EMPIDONAX ALNORUM*) AND WILLOW FLYCATCHER (*EMPIDONAX TRAILLII*) ARE INNATE. *Auk* 101(1):13-24. Jan. 1984. WR 193
[Dep. Zool., Univ. Mass., Amherst 01003-0027]

84-005557 Kumar, Vinod and Prabha D. Tewary. CIRCADIAN RHYTHMICITY AND THE TERMINATION OF PHOTOREFRACTORINESS IN THE BLACK-HEADED BUNTING. *Condor* 86(1):27-29. Feb. 1984. WR 193

84-005557 CONTINUED
[Dep. Zool., Banaras Hindu Univ., Varanasi 221 005, India] *Emberiza melanocephala*.

84-005558 Kummer, Johannes. PIROL (*ORIOLUS ORIOLUS* L.) SUCHT IM RÜTTELFLUG NAHRUNG. [GOLDEN ORIOLE (*ORIOLUS ORIOLUS* L.) LOOKS FOR FOOD DURING FLIGHT.] *Beitr. Vogelkd.* 29(3):184. 1983. In German. WR 193
[Wahrburger Str. 88, 3500 Stendal, East Germany]

84-005559 Kushlan, James A. BILL-SHOVING FEEDING BEHAVIOR IN DARWIN'S FINCHES. *J. Field Ornithol.* 54(4):421-422. 1983. WR 193
[Dep. Biol., Univ. Miami, Coral Gables, FL 33124] *Geospiza* spp. in the Galapagos Islands.

84-005560 Langridge, H. P. and Gloria Hunter. KIRTLAND'S WARBLER SIGHTING IN PALM BEACH COUNTY, FLORIDA. *Fla. Field Nat.* 12(1):9-10. Feb. 1984. WR 193
[1421 W. Ocean Ave., Lantana, FL 33462] *Dendroica kirtlandii*.

84-005561 Lanyon, Wesley E. THE SYSTEMATIC POSITION OF THE COCOS FLYCATCHER. *Condor* 86(1):42-47. Feb. 1984. WR 193
[Dep. Ornithol., Am. Mus. Nat. Hist., New York, NY 10024] *Nesotriccus ridgwayi*.

84-005562 Liddy, John. FOOD OF THE MISTLETOEBIRD NEAR PUMICESTONE PASSAGE, SOUTH-EASTERN QUEENSLAND. *Corella* 6(1):11-15. Mar. 1982. WR 193
[5 Ben St., Chermside, Queensland 4032, Australia] *Dicaeum hirundinaceum* in Australia.

84-005563 Liddy, John. PREDATION OF THE LANTANA LEAFMINING BEETLE BY THE SILVEREYE IN SOUTH-EASTERN QUEENSLAND. *Corella* 6(5):123-124. Dec. 1982. WR 193
[5 Ben St., Chermside, Queensland 4032, Australia] *Zosterops lateralis* in Australia.

84-005564 Liddy, John. THE OLIVE-BACKED ORIOLE: AN OCCASIONAL DISSEMINATOR OF MISTLETOE. *Corella* 6(4):93. Sept. 1982. WR 193
[5 Ben St., Chermside, Queensland, Australia 4032] *Oriolus sagittatus* in Australia.

84-005565 Longmore, N. W. and W. E. Boles. DESCRIPTION AND SYSTEMATICS OF THE EUNGELLA HONEYEATER *MELIPHAGA HINDWOODI*, A NEW SPECIES OF HONEYEATER FROM CENTRAL EASTERN QUEENSLAND, AUSTRALIA. *Emu* 83(2):54-65. June 1983. WR 193
[Dep. Ornithol., Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia]

84-005566 Louette, M. THE IDENTITY OF SWAMP-DWELLING WEAVERS IN NORTHEAST ANGOLA. *Bull. Br. Ornithol. Club* 104(1):22-24. Mar. 1984. WR 193
[Koninklijk Mus. Midden-Afrika, B-1980 Tervuren, Belgium] *Ploceus reichardi*, *P. katangae*, *P. ruweti* and *P. velatus*.

OTHER PASSERINE BIRDS (CONTINUED)

84-005567 . Lundberg, Per and Hubert Schwabl. STRUCTURE AND DOMINANCE BEHAVIOUR OF A PARTIAL MIGRATORY POPULATION OF BLACKBIRDS *TURDUS MERULA* DURING THE NON-BREEDING SEASON. *Ornis Fenn.* Suppl. 3. p. 20-21. 1983. WR 193
[Dep. Ecol. Zool., Univ. Umeå, S-901 87 Umeå, Sweden]

84-005568 Müller, Hartmut and Peter Baláz. FELDSCHWIRL (*LOCUSTELLA NAEVIA*) SINGT IN ÜBER 1300 M HÖHE. [*LOCUSTELLA NAEVIA* SINGING ABOVE 1300 M.] *Beitr. Vogelkd.* 29(3):174-176. 1983. In German. WR 193
[Post Thurow, Naturschutzstn., 2081 Serrahn, East Germany]

84-005569 Marchant, S. and P. J. Fullagar. NEST RECORDS OF THE WELCOME SWALLOW. *Emu* 83(2):66-74. June 1983. WR 193
[P.O. Box 123, Moruya, New South Wales 2537, Australia] *Hirundo neoxena* in Australia.

84-005570 Marsh, Richard L. ADAPTATIONS OF THE GRAY CATBIRD *DUMETELLA CAROLINENSIS* TO LONG-DISTANCE MIGRATION: FLIGHT MUSCLE HYPERTROPHY ASSOCIATED WITH ELEVATED BODY MASS. *Physiol. Zool.* 57(1):105-117. Jan./Feb. 1984. WR 193
[Dep. Biol., Northeastern Univ., 360 Huntington Ave., Boston, MA 02115]

84-005571 Martin, Robert F. BIOLOGY OF THE CAVE SWALLOW IN TEXAS. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 417-439. 1983. WR 193
[Tex. Memorial Mus. & Dep. Zool., Univ. Tex., Austin] *Petrochelidon fulva.*

84-005572 Martins, R. P.; M. J. Parr; C. R. Robson; G. J. Speight and J. M. Turton. HODGSON'S STONECHATS IN NEPAL IN MARCH AND APRIL 1982. *Dutch Birding* 5(4):99-101. Dec. 1983. In English. WR 193
[Robson: 27 Copeman St., Norwich, Norfolk NR2 1HH, England] *Saxicola insignis.*

84-005573 Maugard, Michel. NIDIFICATION DE L'HIRONDELLE DE FENÊTRE (*DELICHON URBICA*) DANS UN LAVOIR. [HOUSE MARTINS *DELICHON URBICA* NESTING IN AN OUTHOUSE.] *Alauda* 52(1):71. 1984. In French. WR 193
[Impasse de la Tonne, 71240 Sennecy-le-Grand, France]

84-005574 McCamey, Franklin. WESTERN KINGBIRD IN WASHINGTON COUNTY. *Oriole* 47(1/2):19-20. Mar.-June 1982. WR 193
[4676 Andover Ct., Atlanta, GA 30360] *Tyrannus verticalis* in Gerogia.

84-005575 McNair, Douglas B. TUFTED TITMICE STORE ACORNS. *Oriole* 47(1/2):12-13. Mar.-June 1982. WR 193
[Dep. Zool., Clemson Univ., Clemson, SC 29631] *Parus bicolor* in Mississippi.

OTHER PASSERINE BIRDS (CONTINUED)

84-005576 McNair, Douglas B. and Sidney A. Gauthreaux, Jr. CEDAR WAXWING BREEDS IN SOUTH CAROLINA. *Chat* 48(1):17. 1984. WR 193
[Dep. Biol. Sci., Clemson Univ., Clemson, SC 29631] *Bombycilla cedrorum*.

84-005577 McNair, Douglas B. BREEDING STATUS OF THE GRASSHOPPER SPARROW IN THE COASTAL PLAIN OF THE CAROLINAS, WITH NOTES ON BEHAVIOR. *Chat* 48(1):1-4. 1984. WR 193
[Dep. Biol. Sci., Clemson Univ., Clemson, SC 29631] *Ammodramus savannarum*.

84-005578 Mees, G. THE TYPE-LOCALITY OF *CRACTICUS TORQUATUS ARGENTEUS* GOULD. *Emu* 83(2):123-125. June 1983. WR 193
[Rijksmus. Nat. Hist., Raamsteeg 2, Leiden, Netherlands]

84-005579 Meier, Paul T. POLYTERRITORIAL POLYGYNY IN THE PIED FLYCATCHER: MALE DECEPTION OR FEMALE CHOICE? *Am. Nat.* 121(1):145-147. Jan. 1983. WR 193
[Dep. Zool. & Microbiol., Ohio Univ., Athens 45701] *Ficedula hypoleuca*.

84-005580 Mellow, B. K. and Jeremy Holding. SCARLET TANAGER IN CORNWALL. *Br. Birds* 76(12):580-582. Dec. 1983. WR 193
[8 Tregothnan Rd., Malpas Estate, Truro, Cornwall, England] *Piranga olivacea* in England.

84-005581 Melville, David S. OCCURRENCE OF GREY-HEADED PARROTBILL IN HONG KONG. *Dutch Birding* 5(4):105-107. Dec. 1983. In English. WR 193
[c/o 44 The Ridgeway, Tonbridge, Kent TN10 4NJ, England] *Paradoxornis gularis*.

84-005582 Menkhorst, P. W. and J. N. Davies. THE STATUS AND DISTRIBUTION IN VICTORIA OF THE GREY-FRONTED HONEYEATER *LICHENOSTOMUS PLUMULUS*. *Aust. Bird Watcher* 10(4):107-112. Dec. 1983. WR 193
[Arthur Rylah Inst. Environ. Res., Fish. & Wildl. Dis., Minist. Conserv., 123 Brown St., Heidelberg, Victoria 3084, Australia]

84-005583 Merton, D. V. CHATHAM ISLAND BLACK ROBIN. *Wildl. Rev. N.Z. Wildl. Serv.* No. 12. p. 42-46. 1983. WR 193
Petroica traversi in New Zealand.

84-005584 Mikkonen, Aarne V. SOME ASPECTS OF SPRING MIGRATORY PERIOD OF THE CHAFFINCH *FRINGILLA COELEBS* AND THE BRAMBLING *F. MONTIFRINGILLA* IN NORTHERN FINLAND. *Ornis Fenn.* Suppl. 3. p. 31-33. 1983. WR 193
[Sect. Basic Biol., Dep. Anat., Univ. Oulu, Kajaanintie 52A, SF-90220 Oulu 22, Finland]

84-005585 Moore, Michael C.; Hubert Schwabl and Donald S. Farner. BIOCHRONOMETRY OF TESTICULAR REGRESSION IN WHITE-CROWNED SPARROWS (*ZONOTRICHIA LEUCOPHRYS GAMBELII*). *J. Comp. Physiol. A Sens. Neural*

OTHER PASSERINE BIRDS (CONTINUED)

84-005585 CONTINUED *Behav. Physiol.* 153(4):489-494. 1983. WR 193
[Dep. Zool., Ariz. State Univ., Tempe 85281]

84-005586 Moreno, Juan. SEARCH STRATEGIES OF WHEATEARS (*OENANTHE OENANTHE*) AND STONECHATS (*SAXICOLA TORQUATA*): ADAPTIVE VARIATION IN PERCH HEIGHT, SEARCH TIME, SALLY DISTANCE AND INTER-PERCH MOVE LENGTH. *J. Anim. Ecol.* 53(1):147-159. Feb. 1984. WR 193
[Dep. Zool., Uppsala Univ., Box 561, S-751 22, Uppsala, Sweden]

84-005587 Morrison, Michael L. and John William Hardy. VOCALIZATIONS OF THE BLACK-THROATED GRAY WARBLER. *Wilson Bull.* 95(4):640-643. Dec. 1983. WR 193
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Dendroica nigrescens* in Oregon.

84-005588 Morrison, Michael L. and John William Hardy. HYBRIDIZATION BETWEEN HERMIT AND TOWNSEND'S WARBLERS. *Murrelet* 64(3):65-72. 1983. WR 193
[Dep. For. & Resour. Manage., Univ. Calif., Berkeley 94720] *Dendroica occidentalis* and *D. townsendi*.

84-005589 Morton, Martin L. SEX AND AGE RATIOS IN WINTERING WHITE-CROWNED SPARROWS. *Condor* 86(1):85-87. Feb. 1984. WR 193
[Dep. Biol., Occidental Coll., Los Angeles, CA 90041] *Zonotrichia leucophrys gambelii* in California.

84-005590 Mullins, J. R. ASSOCIATION BETWEEN MALE CIRL BUNTING AND FEMALE YELLOWHAMMER. *Br. Birds* 77(1):26-27. Jan. 1984. WR 193
[19 Wilton Gardens, Walton-on-Thames, Surrey, England] *Emberiza circlus* and *E. citrinella* in England.

84-005591 Murphy, Mary E. and James R. King. DIETARY SULFUR AMINO ACID AVAILABILITY AND MOLT DYNAMICS IN WHITE-CROWNED SPARROWS. *Auk* 101(1):164-167. Jan. 1984. WR 193
[Dep. Zool., Wash. State Univ., Pullman 99164] *Zonotrichia leucophrys*.

84-005592 Nicholson, Charles P. THE YELLOW WARBLER IN WEST TENNESSEE. *Migrant* 53(4):82-84. Dec. 1982. WR 193
[P.O. Box 402, Norris, TN 37828] *Dendroica petechia aestiva*.

84-005593 Nicholson, Charles P. and T. David Pitts. NESTING OF THE TREE SWALLOW IN TENNESSEE. *Migrant* 53(4):73-80. Dec. 1982. WR 193
[P.O. Box 402, Norris, TN 37828] *Tachycineta bicolor*.

84-005594 Nolan, Val, Jr. and Ellen D. Ketterson. AN ANALYSIS OF BODY MASS, WING LENGTH, AND VISIBLE FAT DEPOSITS OF DARK-EYED JUNCOS WINTERING AT DIFFERENT LATITUDES. *Wilson Bull.* 95(4):603-620. Dec. 1983. WR 193
[Dep. Biol., Indiana Univ., Bloomington 47405] *Junco hyemalis*.

OTHER PASSERINE BIRDS (CONTINUED)

84-005595 Norman, S. C. VARIATIONS IN WING-LENGTHS OF WILLOW WARBLERS IN RELATION TO AGE, SEX AND SEASON. *Ringing Migration* 4(5):269-274. Dec. 1983. WR 193
[62 Birkdale Rd., Errington Park, New Marske, Cleveland TS11 8JB, England] *Phylloscopus trochilus* in England.

84-005596 Ojanen, Mikko. EGG DEVELOPMENT AND THE RELATED NUTRIENT RESERVE DEPLETION IN THE PIED FLYCATCHER, *FICEDULA HYPOLEUCA*. *Ann. Zool. Fenn.* 20(4):293-300. 1983. WR 193
[Dep. Anat., Biol. Sect., Univ. Oulu, Kajaanintie 52A, SF-90220 Oulu 22, Finland]

84-005597 Olson, Storrs L.; Kenneth C. Parkes; Mary H. Clench and Stephen R. Borecky. THE AFFINITIES OF THE NEW ZEALAND PASSERINE GENUS *TURNAGRA*. *Notornis* 30(4):319-336. Dec. 1983. WR 193
[Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560]

84-005598 Orell, Markku. NESTLING GROWTH IN THE GREAT TIT *PARUS MAJOR* AND THE WILLOW TIT *P. MONTANUS*. *Ornis Fenn.* 60(3):65-82. 1983. In English with Finnish summ. WR 193
[Dep. Zool., Univ. Oulu, Kasarmintie 8, SF-90100 Oulu 10, Finland]

84-005599 Parker, S. A. THE RELATIONSHIPS OF THE MADAGASCAN GENUS *DROMAEOCERCUS* (SYLVIIDAE). *Bull. Br. Ornithol. Club* 104(1):11-16. Mar. 1984. WR 193
[South Aust. Mus., North Terrace, Adelaide, South Australia 5000, Australia] *Amphilais* gen. nov.

84-005600 Parker, Theodore A. III. NOTES ON THE BEHAVIOR OF *RAMPHOTRIGON* FLYCATCHERS. *Auk* 101(1):186-188. Jan. 1984. WR 193
[Mus. Zool., La. State Univ., Baton Rouge 70803] *R. fuscicauda*, *R. ruficauda*, and *R. megacephala* in Peru.

84-005601 Paull, David E. CHIFFCHAFF IN DORSET WITH SONG RESEMBLING THOSE FROM IBERIA/NORTH AFRICA. *Br. Birds* 77(1):25. Jan. 1984. WR 193
[28 East St., Ilminster, Somerset TA19 0AJ, England] *Phylloscopus collybita* in England.

84-005602 Payne, Robert B. and Kathleen D. Groschupf. SEXUAL SELECTION AND INTERSPECIFIC COMPETITION: A FIELD EXPERIMENT ON TERRITORIAL BEHAVIOR OF NONPARENTAL FINCHES (*VIDUA* SPP.). *Auk* 101(1):140-145. Jan. 1984. WR 193
[Mus. Zool. & Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *V. raricola* and *V. funerea* in Cameroon.

84-005603 Peirce, M. A. HAEMATOZOA OF ZAMBIAN BIRDS. III. DESCRIPTION OF *HAEMOPROTEUS CUBLAE* SP. NOV. FROM *DRYOSCOPUS CUBLA* (MALACONOTIDAE). *J. Nat. Hist.* 18(2):219-221. Mar.-Apr. 1984. WR 193
[16 Westmorland Close, Woosehill, Wokingham, Berkshire, England]

OTHER PASSERINE BIRDS (CONTINUED)

84-005604 Peirce, M. A. HAEMATOZOA OF ZAMBIAN BIRDS. IV. DESCRIPTION OF *LEUCOCYTOZOON BALMORALI* SP. NOV. FROM MALACONOTIDAE. *J. Nat. Hist.* 18(2):223-226. Mar.-Apr. 1984. WR 193
[16 Westmorland Close, Woosehill, Wokingham, Berkshire, England]

84-005605 Pettersson, Jan and Claes-Göran Lindholm. THE SEQUENTIAL PASSAGE OF DIFFERENT ROBIN *ERITHACUS RUBECULA* POPULATIONS AT OTTENBY. *Ornis Fenn.* Suppl. 3. p. 34-36. 1983. WR 193
[Ottenby Bird Observatory, Pl 1500, S-380 65 Degerhamn, Sweden]

84-005606 Pitts, T. David. NESTING SEASON RECORDS OF WILLOW FLYCATCHERS IN WEST TENNESSEE. *Migrant* 53(4):84-85. Dec. 1982. WR 193
[Biol. Dep., Univ. Tenn., Martin 38238] *Empidonax traillii*.

84-005607 Potter, Eloise F. INGESTION OF GRIT BY WOOD WARBLERS. *Chat* 47(4):103-104. 1983. WR 193
[N.C. State Mus., P.O. Box 27647, Raleigh 27611]

84-005608 Powlesland, R. G. BREEDING AND MORTALITY OF THE SOUTH ISLAND ROBIN IN KOWHAI BUSH, KAIKOURA. *Notornis* 30(4):265-282. Dec. 1983. WR 193
[Wildl. Serv., Dep. Internal Affairs, Private Bag, Wellington, New Zealand] *Petroica australis australis* in New Zealand.

84-005609 Pröve, Ekkehard. DER EINFLUß VON STEROIDEN AUF DIE SEXUELLE PRÄGUNG MÄNNLICHER ZEBRAFINKEN (*TAENIOPYGIA GUTTATA CASTANOTIS* GOULD). [INFLUENCE OF STEROIDS ON SEXUAL IMPRINTING IN MALE ZEBRA FINCHES.] *Verh. Dtsch. Zool. Ges.* 76:256. 1983. German abstract only. WR 193
[Lehrstuhl Verhaltensphysiol., Fak. Biol., Univ. Bielefeld, Postfach 8640, D-4800 Bielefeld 1, West Germany]

84-005610 Prescott, Kenneth W. WEIGHT, FAT CLASS, AND WING MEASUREMENTS OF YELLOW-RUMPED WARBLERS DURING MIGRATION. *Inl. Bird Banding* 53(3):39-48. 1981. WR 193
[Dep. Art, Univ. Tex., Austin 78712] *Dendroica coronata coronata* in New Jersey.

84-005611 Price, Frank E. and Carl E. Bock. POPULATION ECOLOGY OF THE DIPPER (*CINCLUS MEXICANUS*) IN THE FRONT RANGE OF COLORADO. *Stud. Avian Biol.* No. 7. iv + 84p. Nov. 1983. WR 193
[Biol. Dep., Hamilton Coll., Clinton, NY 13323]

84-005612 Price, Trevor D. SEXUAL SELECTION ON BODY SIZE, TERRITORY AND PLUMAGE VARIABLES IN A POPULTION OF DARWIN'S FINCHES. *Evolution* 38(2):327-341. Mar. 1984. WR 193
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Geospiza fortis* in the Galapagos Islands.

84-005613 Price, Trevor D. THE EVOLUTION OF SEXUAL SIZE DIMORPHISM IN DARWIN'S FINCHES. *Am. Nat.* 123(4):500-518. Apr. 1984. WR 193
[Div. Biol. Sci., Univ. Mich., Ann Arbor 48109] *Geospiza fortis*.

OTHER PASSERINE BIRDS (CONTINUED)

84-005614 Pruett-Jones, Stephen and Melinda Pruett-Jones. NOTES ON NESTING OF THE LESSER NEW GUINEA THRUSH *AMALOCICHLA INCERTA*. *Papua New Guinea Bird Soc. Newsl.* No. 197-198. p. 38-39. Nov.-Dec. 1982. WR 193
[Dep. Zool. & Mus. Vertebr. Zool., Univ. Calif., Berkeley]

84-005615 Radford, A. P. ROBIN EATING VELVET SHANK FUNGUS. *Br. Birds* 76(12):580. Dec. 1983. WR 193
[Crossways Cottage, West Bagborough, Taunton, Somerset TA4 3EG, England] *Erithacus rubecula* in England.

84-005616 Radtke, Robert E.; John Byelich and George Irvine. ENDANGERED BIRD OF FIRE--THE KIRTLAND'S WARBLER. *U.S. Dep. Agric. Yearb. Agric.* 1983:174-181. 1983. WR 193
Dendroica kirtlandii in Michigan.

84-005617 Ratcliffe, Laurene M. and Peter R. Grant. SPECIES RECOGNITION IN DARWIN'S FINCHES (*GEOSPIZA*, GOULD). II. GEOGRAPHIC VARIATION IN MATE PREFERENCE. *Anim. Behav.* 31(4):1154-1165. Nov. 1983. WR 193
[Edward Grey Inst. Field Ornithol., Univ. Oxford, South Parks Rd., Oxford OX1 3PS, England]

84-005618 Ratcliffe, Laurene M. and Peter R. Grant. SPECIES RECOGNITION IN DARWIN'S FINCHES (*GEOSPIZA*, GOULD). I. DISCRIMINATION BY MORPHOLOGICAL CUES. *Anim. Behav.* 31(4):1139-1153. Nov. 1983. WR 193
[Edward Grey Inst. Field Ornithol., Univ. Oxford, South Parks Rd., Oxford OX1 3PS, England]

84-005619 Richards, Harold. WINTER FINCHES IN TORONTO. *Ont. Bird Banding* 15(3):6-14. Dec. 1982. WR 193
[37 Killdeer Crescent, Toronto, Ontario, Canada M4G 2W7]

84-005620 Ritchison, Gary. DISTRACTION BEHAVIOR IN THE BLACK-HEADED GROSBEAK. *Inl. Bird Banding* 53(3):49-53. 1981. WR 193
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond 40475] *Pheucticus melanocephalus* in Utah.

84-005621 Ritke, Mark E. MIGRATION PATTERNS OF WOOD WARBLERS DURING THE FALL IN SOUTHWESTERN TENNESSEE. *J. Tenn. Acad. Sci.* 58(1/2):13-14. Jan.-Apr. 1983. Abstract only. WR 193

84-005622 Robert, J.-C. UN CAS D'HIVERNAGE DE LA FAUVETTE GRISETTE *SYLVIA COMMUNIS* DANS LA SOMME. [A CASE OF OVER-WINTERING BY THE WHITETHROAT IN THE DEPARTMENT OF SOMME.] *Alauda* 52(1):69-70. 1984. In French. WR 193
[Travail Bureau Calidris, Famechon, 80290 Poix, France]

84-005623 Robertson, J. S. and P. F. Woodall. MEASUREMENTS, WEIGHTS AND SEASONAL VARIATION OF THE MANGROVE HONEYEATER IN SOUTH-EAST QUEENSLAND. *Corella* 6(1):1-5. Mar. 1982. WR 193

OTHER PASSERINE BIRDS (CONTINUED)

84-005623 CONTINUED
["Hopetoun", 260 Cliveden Ave., Corinda, Queensland 4075, Australia] *Lichenostomus fasciogularis*.

84-005624 Rodenhouse, Nicholas L. and Louis B. Best. BREEDING ECOLOGY OF VESPER SPARROWS IN CORN AND SOYBEAN FIELDS. *Am. Midl. Nat.* 110(2):265-275. Oct. 1983. WR 193
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011] *Pooecetes gramineus* in Iowa.

84-005625 Scharringa, Jelle. BILL COLOUR OF BROWN FLYCATCHER. *Dutch Birding* 5(4):105. Dec. 1983. In English. WR 193
[Steenen Camer 34, 3721 NC Bilthoven, Netherlands] *Muscicapa latirostris*.

84-005626 Schlee, Marsha A. BLACKBIRDS EATING LARGE FOOD ITEMS. *Br. Birds* 77(2):74-75. Feb. 1984. WR 193
[Mus. Natl. Hist. Nat., Entomol. Gen. Appl., 45 rue de Buffon, 75005 Paris, France] *Turdus merula*.

84-005627 Schluter, Dolph. FEEDING CORRELATES OF BREEDING AND SOCIAL ORGANIZATION IN TWO GALÁPAGOS FINCHES. *Auk* 101(1):59-68. Jan. 1984. WR 193
[Zool. Dep., Univ. British Columbia, 6270 University Blvd., Vancouver, British Columbia, Canada V6T 2A9] *Geospiza fuliginosa* and *G. difficilis*.

84-005628 Schluter, Dolph and Peter R. Grant. DETERMINANTS OF MORPHOLOGICAL PATTERNS IN COMMUNITIES OF DARWIN'S FINCHES. *Am. Nat.* 123(2):175-196. Feb. 1984. WR 193
[Dep. Zool., Univ. British Columbia, 6270 University Blvd., Victoria, British Columbia, Canada V6T 2A9] *Geospiza* spp.

84-005629 Schock, A. Jewell. PINE SISKIN NESTS AT WAYNE STATE COLLEGE. *Nebr. Bird Rev.* 51(4):89. Dec. 1983. WR 193
[Wayne State Coll., Wayne, NE 68787] *Carduelis pinus* in Nebraska.

84-005630 Schroeder, Donna J. and R. Haven Wiley. COMMUNICATION WITH REPERTOIRES OF SONG THEMES IN TUFTED TITMICE. *Anim. Behav.* 31(4):1128-1138. Nov. 1983. WR 193
[Coll. St. Scholastica, 1200 Kenwood Ave., Duluth, MN 55811] *Parus bicolor*.

84-005631 Schulenberg, Thomas S. FORAGING BEHAVIOR, ECO-MORPHOLOGY, AND SYSTEMATICS OF SOME ANTSHRIKES (FORMICARIIDAE: *THAMNOMANES*). *Wilson Bull.* 95(4):505-521. Dec. 1983. WR 193
[Mus. Zool., La. State Univ., Baton Rouge 70893] Data for 6 spp. in Peru.

OTHER PASSERINE BIRDS (CONTINUED)

84-005632 Schumacher, Chris M. RECENT NORTHERN RECORDS OF THE LOUISIANA WATERTHRUSH IN MICHIGAN. *Jack-Pine Warbler* 61(2):61-62. June 1983. WR 193
[551 S. 35 Mile Rd., Cadillac, MI 49601] *Seiurus motacilla*.

84-005633 Sibley, Charles G. and Jon E. Ahlquist. THE RELATIONSHIPS OF THE AUSTRALO-PAPUAN SITTELLAS *DAPHOENOSITTA* AS INDICATED BY DNA-DNA HYBRIDIZATION. *Emu* 82(3):173-176. Aug. 1982. WR 193
[Peabody Mus. Nat. Hist. & Dep. Biol., Yale Univ., New Haven, CT 06511]

84-005634 Sibley, Charles G. and Jon E. Ahlquist. THE RELATIONSHIPS OF THE AUSTRALASIAN WHISTLERS *PACHYCEPHALA* AS INDICATED BY DNA-DNA HYBRIDIZATION. *Emu* 82(4):199-202. Dec. 1982. WR 193
[Peabody Mus. Nat. Hist. & Dep. Biol., Yale Univ., New Haven, CT 06511]

84-005635 Sibley, Charles G.; Scott M. Lanyon and Jon E. Ahlquist. THE RELATIONSHIPS OF THE SHARPBILL *(OXYRUNCUS CRISTATUS)*. *Condor* 86(1):48-52. Feb. 1984. WR 193
[Dep. Biol., Peabody Mus. Nat. Hist., Yale Univ., New Haven, CT 06511] *Oxyruncus cristatus*.

84-005636 Simmons, K. E. L. and A. M. Bankier. HOUSE SPARROWS COLLECTING INSECTS FROM CARS. *Br. Birds* 77(3):121. Mar. 1984. WR 193
[Dep. Psychol., The University, Leicester LE1 7RH, England] *Passer domesticus* in England.

84-005637 Simms, Eric. THE SONGS OF THREE LOCUSTELLA WARBLERS. *Br. Birds* 77(3):115. Mar. 1984. WR 193
[21 Church St., South Witham, Grantham, Lincolnshire, England] *Locustella luscinioides*, *L. naevia*, and *L. fluviatilis*.

84-005638 Slater, P. J. B.; F. A. Clements and D. J. Goodfellow. LOCAL AND REGIONAL VARIATIONS IN CHAFFINCH SONG AND THE QUESTION OF DIALECTS. *Behaviour* 88(1-2):76-97. 1984. In English. WR 193
[School Biol., Univ. Sussex, Brighton BN1 9QG, England] *Fringilla coelebs* in England and Scotland.

84-005639 Sluys, Ronald. GEOGRAPHICAL VARIATION AND DISTRIBUTION OF THE BEARDED TIT *PANURUS BIARMICUS* (LINNAEUS, 1758) (AVES). *Bijdr. Dierkd.* 53(1):13-32. 1983. In English with French summ. WR 193
[Inst. Taxon. Zool., Univ. Amsterdam, P.O. Box 20125, 1000 HC Amsterdam, Netherlands]

84-005640 Smedley, D. I. EYE COLOUR OF THE BROWN THORNBILL. *Corella* 6(5):122. Dec. 1982. WR 193
[21 Ula Crescent, Baulkham Hills, New South Wales 2153, Australia] *Acanthiza pusilla* in Australia.

84-005641 Smith, James N. M.; Peter Arcese and Ian G. McLean. AGE, EXPERIENCE, AND ENEMY RECOGNITION BY WILD SONG SPARROWS. *Behav. Ecol. Sociobiol.* 14(2):101-106. 1984. WR 193

OTHER PASSERINE BIRDS (CONTINUED)

84-005641 CONTINUED
[Dep. Zool., Univ. British Columbia, 6270 University Blvd., British Columbia, Canada V6T 2A9] *Melospiza melodia*.

84-005642 Smith, Richard G. ROOST NEST OF WREN. *Br. Birds* 76(12):579-580. Dec. 1983. WR 193
[29 Marlborough Close, Crown Hill, Llantwit Fardre, Mid Glamorgan, Wales] *Troglodytes troglodytes* in Wales.

84-005643 Smith, Susan M. FLOCK SWITCHING IN CHICKADEES: WHY BE A WINTER FLOATER? *Am. Nat.* 123(1):81-98. Jan. 1983. WR 193
[Dep. Biol. Sci., Mount Holyoke Coll., South Hadley, MA 01075] *Parus atricapillus* in Massachusetts.

84-005644 Snow, Barbara K. and D. W. Snow. LONG-TERM DEFENCE OF FRUIT BY MISTLE THRUSHES *TURDUS VISCIVORUS*. *Ibis* 126(1):39-49. Jan. 1984. WR 193
[Zool. Mus., Tring, Hertfordshire HP23 6AP, England]

84-005645 Sorjonen, Jorma. POPULATION CHANGES IN THE FINNISH THRUSH NIGHTINGALE *LUSCINIA LUSCINIA*. *Ornis Fenn.* Suppl. 3. p. 81-83. 1983. WR 193
[Dep. Biol., Univ. Joensuu, Box 111, SF-80101 Joensuu 10, Finland]

84-005646 Sousa, Patrick J. HABITAT SUITABILITY INDEX MODELS: FIELD SPARROW. *U.S. Fish Wildl. Serv. Biol. Serv. Program FWS/OBS* 82/10.62. vi + 14p. Dec. 1983. WR 193
[WELUT, U.S. Fish & Wildl. Serv., Drake Creekside Bldg. One, 2627 Redwing Rd., Fort Collins, CO 80526-2899]

84-005647 Staav, Roland. ARE BLUETHROATS *LUSCINIA S. SVECICA* (L.) FAITHFUL TO THEIR RESTING PLACES? *Ornis Fenn.* Suppl. 3. p. 27-28. 1983. WR 193
[Hornsgatan 47 V, S-116 49 Stockholm, Sweden]

84-005648 Stamper, Jeffrey D. and Gerald D. Schmidt. *ANGULARELLA AUDUBONENSIS* SP. N. (DILEPIDIDAE) AND OTHER CESTODES OF CLIFF SWALLOWS IN COLORADO. *Proc. Helminthol. Soc. Wash.* 51(1):106-108. Jan. 1984. WR 193
[Dep. Biol. Sci., Univ. Northern Colo., Greeley 80639] *Petrochelidon pyrrhonota*.

84-005649 Stirling, David. DIPPER. *Nat. Can. (Ottawa)* 12(1):12-15. Jan.-Mar. 1983. WR 193
Cinclus cinclus in Canada.

84-005650 Stoddard, Philip K. VIOLATIÓN OF IDEAL NEST PLACEMENTS: CLIFF SWALLOWS ENTOMBED BY THEIR OWN EXCREMENT. *Wilson Bull.* 95(4):674-675. Dec. 1983. WR 193
[Anim. Behav. Program, Psychol. Dep., NI-25, Univ. Wash., Seattle 98195] *Hirundo pyrrhonota* in Washington.

OTHER PASSERINE BIRDS (CONTINUED)

84-005651 Sultana, Joe and Charles Gauci. HOUSE MARTIN - NEW BREEDING SPECIES FOR MALTA. *Il-Merill* No. 22. p. 17-18. 1981-83. WR 193
[Sciberras Flats / 3, Fleur-de-Lys Junction, B'Kara, Malta] *Delichon urbica*.

84-005652 Sultana, Joe and Charles Gauci. BLACK-EARED WHEATEAR - NEW BREEDING RECORD FOR MALTA. *Il-Merill* No. 22. p. 17. 1981-83. WR 193
[Sciberras Flats / 3, Fleur-de-Lys Junction, B'Kara, Malta] *Oenanthe hispanica melanoleuca*.

84-005653 Swann, R. L. REDWINGS IN A HIGHLAND GLEN. *Scott. Birds* 12(8):260-261. 1983. WR 193
Turdus iliacus in Scotland.

84-005654 Tallman, Dan A. and Richard L. Zusi. A HYBRID RED CROSSBILL-PINE SISKIN (*LOXIA CURVIROSTRA* X *CARDUELIS PINUS*) AND SPECULATIONS ON THE EVOLUTION OF *LOXIA*. *Auk* 101(1):155-158. Jan. 1984. WR 193
[Dep. Math., Nat. Sci. & Health Professions, Northern State Coll., Aberdeen, SD 57401]

84-005655 Taylor, Peter. A WINTERING CHIPPING SPARROW AT PINAWA, MANITOBA. *Blue Jay* 42(1):52-53. Mar. 1984. WR 193
[Box 597, Pinawa, Manitoba, Canada ROE 1L0] *Spizella passerina*.

84-005656 Taylor, Walter Kingsley. VIGOROUS DIGGING BY A BROWN THRASHER AFTER DISTURBANCE AT THE NEST AND COMMENTS ON THE SPECIES' BEHAVIOR. *Fla. Field Nat.* 12(1):13-15. Feb. 1984. WR 193
[Dep. Biol. Sci., Univ. Central Fla., Orlando 32816] *Toxostoma rufum*.

84-005657 Tell, Mats. BREEDING THE CRESTED BLACK BUNTING, *MELOPHUS LATHAMI*. *Avic. Mag.* 89(3):133-135. July-Sept. 1983. WR 193
[Ljungbyhed, Sweden]

84-005658 Terrill, Scott B. and Linda S. Terrill. ON THE FIELD IDENTIFICATION OF YELLOW-GREEN, RED-EYED, PHILADELPHIA AND WARBLING VIREOS. *Continental Birdlife* 2(5/6):144-149. Oct./Dec. 1981. WR 193
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222] *Vireo phildelphicus*, *V. gilvus swainsonii*, *V. olivaceus* and *V. flavoviridis*.

84-005659 Testa, Raymond; Natalino Fenech and Raymond Galea. PINE BUNTING - AN ADDITION TO THE LIST OF THE BIRDS OF MALTA. *Il-Merill* No. 22. p. 19. 1981-83. WR 193
[Blk. B, Flat 4, Corradino Rd., Paola, Malta] *Emberiza leucocephala*.

84-005660 Tewary, P. D. and Anand S. Dixit. PHOTOPERIODIC CONTROL OF THE OVARIAN CYCLE IN THE ROSEFINCH, *CARPODACUS ERYTHRINUS*. *J. Exp. Zool.* 228(3):537-542. Dec. 1983. WR 193
[Dep. Zool., Banaras Hindu Univ., Varanasi-221005, India]

OTHER PASSERINE BIRDS (CONTINUED)

84-005661 Thimm, Franz. SAISONALE VERÄNDERUNGEN IN DER GESANGLICHEN KOMMUNIKATION DES GARTENROTSCHWANZES (*PHOENICURUS PHOENICURUS* L.). [SEASONAL CHANGES IN SONG COMMUNICATION OF THE REDSTART.] *Verh. Dtsch. Zool. Ges.* 76:174. 1983. German abstract only. WR 193
[Physiol. Inst. Carl-Diem-Weg, D-5000 Cologne 41, West Germany]

84-005662 Tiainen, Juha and Hans-Valentin Bastian. THE ACCURACY AND EFFICIENCY OF TERRITORY MAPPING TESTED ON WILLOW WARBLERS *PHYLLOSCOPUS TROCHILLUS* AND CHIFFCHAFFS *PH. COLLYBITA*. *Ornis Fenn.* 60(4):112-116. 1983. In English with Finnish summ. WR 193
[Dep. Zool., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-005663 Turner, Angela K. NESTING AND FEEDING HABITS OF BROWN-CHESTED MARTINS IN RELATION TO WEATHER CONDITIONS. *Condor* 86(1):30-35. Feb. 1984. WR 193
[Dep. Biol. Sci., Univ. Stirling, Stirling FK9 4LA, Scotland] *Phaeoprogne tapera* in Venezuela.

84-005664 Tyler, Jack D. and Laurence E. Dunn. A PAIR OF SAY'S PHOEBES WITH NINE YOUNG. *Bull. Okla. Ornithol. Soc.* 17(1):7-8. Mar. 1984. WR 193
[Dep. Biol. Sci., Cameron Univ., Lawton, OK 73505] *Sayornis saya* in Oklahoma.

84-005665 Urik, Joseph Alan. ANATOMY AND EVOLUTIONARY RELATIONSHIPS OF THE AVIAN FAMILY IRENIDAE. *Ph.D. dissertation, Univ. Pittsburgh* 260p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2305. Feb. 1984. WR 193

84-005666 van den Berg, Martin and J. W. (Jowi) de Roever. BASIC PLUMAGES OF MOROCCAN WHITE WAGTAIL. *Dutch Birding* 5(4):98-99. Dec. 1983. In English. WR 193
[Uiterwaardenstraat 261, 1079 CR Amsterdam, Netherlands] *Motacilla alba subpersonata*.

84-005667 van Riper, Charles III. THE INFLUENCE OF NECTAR RESOURCES ON NESTING SUCCESS AND MOVEMENT PATTERNS OF THE COMMON AMAKIHI *(HEMIGNATHUS VIRENS)*. *Auk* 101(1):38-46. Jan. 1984. WR 193
[Dep. Zool. & Coop. Natl. Park Resour. Studies Unit, Univ. Calif., Davis 95616]

84-005668 von Wengersky, Anton Graf. ISABELLWÜRGER *LANIUS ISABELLINUS* IM ATTELTAL, LANDKREIS EBERSBERG. [*LANIUS ISABELLINUS* IN ATTELTAL, EBERSBERG COUNTY.] *Anz. Ornithol. Ges. Bayern* 22(3):224. Dec. 1983. In German. WR 193

84-005669 Walkinshaw, Lawrence H. KIRTLAND'S WARBLER: THE NATURAL HISTORY OF AN ENDANGERED SPECIES. *Cranbrook Inst. Sci.* 207p. 1983. Price $11.95. WR 193
Dendroica kirtlandii in Michigan.

OTHER PASSERINE BIRDS (CONTINUED)

84-005670 Wallace, D. I. M. THE FIRST IDENTIFICATION OF THE EASTERN PIED WHEATEAR IN JORDON. *Sandgrouse* No. 5. p. 102-103. 1983. WR 193
[68 Selby Rd., Holme on Spalding Moor, York YO4 4EU, England] *Oenanthe picata*.

84-005671 Walters, Philip M. NOTES ON THE FIRST BANDING OF THE CAVE SWALLOW (*HIRUNDO FULVA*) IN ARIZONA. *N. Am. Bird Bander* 8(3):103. July-Sept. 1983. WR 193
[5111 Soledad Primera, Tucson, AZ 85718]

84-005672 Wasserman, Fred E. TERRITORIES OF RUFOUS-SIDED TOWHEES CONTAIN MORE THAN MINIMAL FOOD RESOURCES. *Wilson Bull.* 95(4):664-667. Dec. 1983. WR 193
[Dep. Biol., Boston Univ., Boston, MA 02215] *Pipilo erythrophthalmus* in Massachusetts.

84-005673 Watt, Doris J.; C. John Ralph and Carter T. Atkinson. THE ROLE OF PLUMAGE POLYMORPHISM IN DOMINANCE RELATIONSHIPS OF THE WHITE-THROATED SPARROW. *Auk* 101(1):110-120. Jan. 1984. WR 193
[Biol. Dep., Saint Mary's Coll., Notre Dame, IN 46556] *Zonotrichia albicollis*.

84-005674 Wear, Gary D. and Patricia A. Crawford. ADDITIONAL SPRING OBSERVATION OF BLACK-HEADED GROSBEAK IN MICHIGAN. *Jack-Pine Warbler* 61(2):62. June 1983. WR 193
[135 W. Walnut St., Hastings, MI 49058] *Pheucticus melanocephalus*.

84-005675 Weathers, Wesley W. and Kenneth A. Nagy. DAILY ENERGY EXPENDITURE AND WATER FLUX IN BLACK-RUMPED WAXBILLS (*ESTRILDA TROGLODYTES*). *Comp. Biochem. Physiol. A Comp. Physiol.* 77(3):453-458. 1984. WR 193
[Dep. Avian Sci., Univ. Calif., Davis 95616]

84-005676 Webb, D. R. THERMOREGULATORY ECOLOGY OF JUVENILE WHITE-CROWNED SPARROWS. *Ph.D. dissertation, Wash. State Univ.* 94p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2086. Jan. 1984. WR 193
Zonotrichia leucophrys.

84-005677 Westerhaus, Michael D. EVIDENCE FOR THE ARGININE REQUIREMENT IN THE DARK-EYED JUNCO, *JUNCO HYEMALIS*. *Ph.D. dissertation, Bowling Green State Univ.* 61p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2353. Feb. 1984. WR 193

84-005678 Williams, N. Sandra. MALLOPHAGA FROM BANANAQUITS, *COEREBA FLAVEOLA SANCTITHOMAE*, FROM THE VIRGIN ISLANDS. *Caribb. J. Sci.* 18(1-4):27-28. June 1982. WR 193
[Biol. Dep., Simmons Coll., Boston, MA 02115]

84-005679 Willis, Edwin O. LONGEVITIES OF SOME PANAMANIAN FOREST BIRDS, WITH NOTE OF LOW SURVIVORSHIP IN OLD SPOTTED ANTBIRDS *(HYLOPHYLAX NAEVIOIDES)*. *J. Field Ornithol.* 54(4):413-414. 1983. WR 193

OTHER PASSERINE BIRDS (CONTINUED)

84-005679 CONTINUED
[Dep. Zool., Univ. Estadual Paulista, Caixa Postal 178, 13500 Rio Claro, SP, Brazil]

84-005680 Winkel, Wolfgang and Doris Winkel. POLYGYNIE DES TRAUERSCHNÄPPERS (*FICEDULA HYPOLEUCA*) AM WESTRAND SEINES AREALS IN MITTELEUROPA. [POLYGYNY IN THE PIED FLYCATCHER (*FICEDULA HYPOLEUCA*) AT THE WESTERN BORDER OF ITS CENTRAL EUROPEAN RANGE.] *J. Ornithol.* 125(1):1-14. 1984. In German with English summ. WR 193
[Außenstn. Braunschweig Populationsökol., Weddel, Bauernstr. 14, D-3302 Cremlingen, West Germany]

84-005681 Woinarski, J. C. Z.; D. F. Dorward and J. M. Cullen. VARIATION IN THE *PARDALOTUS STRIATUS* COMPLEX IN SOUTH-EASTERN AUSTRALIA. *Emu* 83(2):82-93. June 1983. WR 193
[Dep. Zool., Monash Univ., Clayton, Victoria 3168, Australia]

84-005682 Wood, Merrill. A STUDY OF HIPPOBOSCID FLIES ON HOUSE FINCHES. *N. Am. Bird Bander* 8(3):102-103. July-Sept. 1983. WR 193
[811 N. Allen St., State College, PA 16803] *Carpodacus mexicanus*.

84-005683 Worthington, Andrea Helene. FORAGING ECOLOGY AND DIGESTIVE ADAPTATIONS OF TWO AVIAN FRUGIVORES: *MANACUS VITELLINUS* AND *PIPRA MENTALIS*. *Ph.D. dissertation, Univ. Wash.* 134p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(8):2359. Feb. 1984. WR 193

84-005684 Wunderle, Joseph M., Jr. MATE SWITCHING AND A SEASONAL INCREASE IN POLYGYNY IN THE BANANAQUIT. *Behaviour* 88(1-2):123-144. 1984. In English with Spanish summ. WR 193
[Dep. Biol., Col. Univ., Univ. Puerto Rico, Cayey 00633] *Coereba flaveola* in Grenada.

84-005685 Young, Clifford. NOISY SCRUB-BIRD--A SUCCESS STORY. *SWANS (State Wildl. Authority News Serv.)* 13(2):3-9. 1983. WR 193
Atrichornis clamosus in Australia.

84-005686 Yunick, Robert P. AGE AND SEX DETERMINATION OF PURPLE FINCHES DURING THE BREEDING SEASON. *N. Am. Bird Bander* 8(2):48-51. Apr.-June 1983. WR 193
[1527 Myron St., Schenectady, NY 12309] *Carpodacus purpureus* in New York.

84-005687 Zimmerman, John L. NEST PREDATION AND ITS RELATIONSHIP TO HABITAT AND NEST DENSITY IN DICKCISSELS. *Condor* 86(1):68-72. Feb. 1984. WR 193
[Div. Biol., Kans. State Univ., Manhattan 66506] *Spiza americana* in Kansas.

OTHER BIRDS

84-005688 Arndt, Thomas. NEUE ERKENNTNISSE ÜBER DEN ARTSTATUS DES BLAUSTEIßSITTICH *PYRRHURA PERLATA PERLATA* SPIX, 1824. [NEW RESULTS CONCERNING THE VALIDITY OF THE SPECIES RANK OF THE PEARLY CONURE *PYRRHURA PERLATA PERLATA* SPIX, 1824.] *Spixiana* Suppl. 9. p. 425-428. 15 Dec. 1983. In German with English summ. WR 193
[Max-Reger-Str. 10, 7518 Bretten-Gölshausen, West Germany]

84-005689 Berman, Susan L. THE HINDLIMB MUSCULATURE OF THE WHITE-FRONTED AMAZON (*AMAZONA ALBIFRONS*, PSITTACIFORMES). *Auk* 101(1):74-92. Jan. 1984. WR 193
[Dep. Biol., Coll. Holy Cross, Worcester, MA 01610]

84-005690 Bird, Mary Dickinson and James E. Bird. HEAD-BOBBING BEHAVIOR IN MALE FLICKERS. *Bird Observer East. Mass.* 11(6):339-340. Dec. 1983. WR 193
Colaptes auratus in Massachusetts.

84-005691 Bjorklund, Richard G. and Eric R. Bjorklund. ABUNDANCE OF WHIP-POOR-WILLS, *CAPRIMULGUS VOCIFEROUS*, IN THE SAND RIDGE STATE FOREST. *Trans. Ill. State Acad. Sci.* 76(3/4):271-276. 1983. WR 193
[Dep. Biol., Bradley Univ., Peoria, IL 61625]

84-005692 Bjorklund, Richard and Eric Bjorklund. NOTES ON THE BEHAVIOR AND NESTING OF CAPRIMULGIDS IN THE SAND RIDGE STATE FOREST. *Ill. Audubon Bull.* 207:21-28. 1983/4. WR 193
[Dep. Biol., Bradley Univ., Peoria, IL 61625] *Carpimulgus vociferous*, *C. carolinensis*, and *Chordeiles minor*.

84-005693 Bleiweiss, Robert and Manuel Olalla P. NOTES ON THE ECOLOGY OF THE BLACK-BREASTED PUFFLEG ON VOLCÁN PICHINCHA, ECUADOR. *Wilson Bull.* 95(4):656-661. Dec. 1983. WR 193
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138] *Eriocnemis nigrivestis*.

84-005694 Body, Denis R. and Brian Reid. STUDIES OF THE LIPID, FATTY ACID, AND AMINO ACID COMPOSITION OF THE EGGS OF CAPTIVE DWARF CASSOWARY (*CASUARIUS BENNETTI*) TO IMPROVE THEIR BREEDING PERFORMANCE. *N.Z. J. Zool.* 10(4):401-404. 1983. WR 193
[Appl. Biochem. Div., DSIR, Private Bag, Palmerston North, New Zealand]

84-005695 Carter, C.; D. Shepherd and R. Shepherd. THE NEST AND EGGS OF THE BLACK-BACKED BARBET *LYBIUS MINOR*. *Bull. Br. Ornithol. Club* 104(1):8-9. Mar. 1984. WR 193
[P.O. Box 71793, Ndola, Zambia]

84-005696 Cooper, Robert J. RANGE EXPANSION OF THE WHIP-POOR-WILL IN GEORGIA. *Oriole* 47(1/2):1-9. Mar.-June 1982. WR 193
[Univ. Wyo. Stat. Dep., Laramie 82071] *Caprimulgus vociferus*.

OTHER BIRDS (CONTINUED)

84-005697 Courtney, John. COMMENTS ON CALLS OF COCKATIELS. *Emu* 83(2):125. June 1983. WR 193
['Ashgrove', Swan Vale, Glen Innes, New South Wales 2370, Australia] *Nymphicus hollandicus* in Australia.

84-005698 Dawson, T. J.; R. M. Herd and E. Skadhauge. WATER TURNOVER AND BODY WATER DISTRIBUTION DURING DEHYDRATION IN A LARGE ARID-ZONE BIRD, THE EMU, *DROMAIUS NOVAEHOLLANDIAE*. *J. Comp. Physiol. B Biochem. Syst. Environ. Physiol.* 153(2):235-240. 1983. WR 193
[School Zool., Univ. New South Wales, Kensington, New South Wales 2033, Australia]

84-005699 Finch, Brian W. SULPHUR-CRESTED COCKATOO *CACATUA GALERITA* USING SMALL BRANCHES FOR INTIMIDATION. *Papua New Guinea Bird Soc. Newsl.* No. 193-194. p. 29. July-Aug. 1982. WR 193
[P.O. Box 496, Port Moresby, Papua New Guinea]

84-005700 Fjeldsa, Jon and Cesar E. Barbosa C. A GIANT HUMMINGBIRD FROM PARAMO DE CHINGAZA, COLOMBIA. *Wilson Bull.* 95(4):661-662. Dec. 1983. WR 193
[Zool. Mus., Univ. Copenhagen, Universitetsparken 15, Copenhagen Ø, Denmark] *Patagona* sp.

84-005701 Fry, C. H. RED MANDIBLES IN THE WOODLAND KINGFISHER SUPERSPECIES. *Malimbus* 5(2):91-93. Dec. 1983. WR 193
[Zool. Dep., Aberdeen Univ., Tillydrone Ave., Aberdeen, AB9 2TN, Scotland] *Halcyon senegalensis*.

84-005702 Gill, B. J. MORPHOLOGY AND MIGRATION OF *CHRYSOCCOCYX LUCIDUS*, AN AUSTRALASIAN CUCKOO. *N.Z. J. Zool.* 10(4):371-382. 1983. WR 193
[Auckland Inst. & Mus., Private Bag, Auckland 1, New Zealand]

84-005703 Goodwin, Derek. NOTES ON FERAL ROSE-RINGED PARAKEETS. *Avic. Mag.* 89(2):84-93. 1983. WR 193
Psittacula krameri in England.

84-005704 Goudswaard, R. BREEDING THE TAWNY FROGMOUTH *PODARGUS STRIGOIDES* AT THE WELLINGTON ZOOLOGICAL GARDENS, NEW ZEALAND. *Avic. Mag.* 89(3):125-132. July-Sept. 1983. WR 193

84-005705 Gynn, Graham and Elizabeth Gynn. LITTLE SWIFT IN DYFED. *Br. Birds* 76(12):578-579. Dec. 1983. WR 193
[The Bird Observatory, Skokholm, c/o West Wales Naturalists' Trust, 7 Market St., Haverfordwest, Dyfed, Wales] *Apus affinis* in Wales.

84-005706 Hails, C. J. and A. K. Turner. THE BREEDING BIOLOGY OF THE ASIAN PALM SWIFT *CYPSIURUS BALASIENSIS*. *Ibis* 126(1):74-81. Jan. 1984. WR 193
[Bot. Gardens, Cluny Rd., Singapore 1025, Singapore]

OTHER BIRDS (CONTINUED)

84-005707 Herd, Robert M. and Terence J. Dawson. FIBER DIGESTION IN THE EMU, *DROMAIUS NOVAEHOLLANDIAE*, A LARGE BIRD WITH A SIMPLE GUT AND HIGH RATES OF PASSAGE. *Physiol. Zool.* 57(1):70-84. Jan./Feb. 1984. WR 193
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

84-005708 Heston, John. HAND REARING SOUTHERN YELLOW-BILLED HORNBILLS. *A.F.A. Watchbird* 10(4):26-29. Aug.-Sept. 1983. WR 193
Tockus flavirostris leucomelas.

84-005709 Hoffman, Ken and Molly Hoffman. YELLOW-BILLED CUCKOOS AT GRAND MARAIS. *Loon* 55(4):178-179. 1983. WR 193
[Gunflint Trail, Box 58, Grand Marais, MN 55604] *Coccyzus americanus* in Minnesota.

84-005710 Johnson, F. W. A.; D. G. Lyon; R. Wilkinson; P. Bloomfield and H. L. Philips. ISOLATION OF *CHLAMYDIA PSITTACI* FROM NEWLY IMPORTED KEAS (*NESTOR NOTABILIS*). *Vet. Rec.* 114(12):298-299. 24 Mar. 1984. WR 193
[Dep. Vet. Clin. Sci., Univ. Liverpool, Vet. Field Stn., Leahurst, Chester High Rd., Neston, Merseyside, England]

84-005711 Jolly, J. LITTLE-SPOTTED KIWI RESEARCH ON KAPITI ISLAND: 1980-1982. *Wildl. Rev. N.Z. Wildl. Serv.* No. 12. p. 33-39. 1983. WR 193
Apteryx owenii in New Zealand.

84-005712 King, D. Philip. DERBYAN PARAKEETS *PSITTACULA DERBYANA* IN EXTREME CLIMATIC CONDITIONS. *Avic. Mag.* 89(3):160-163. July-Sept. 1983. WR 193
[Assiniboine Park Zoo, Winnipeg, Manitoba, Canada]

84-005713 Kloot, Tess and Helen I. Aston. NIGHT ROOSTING OF THE RAINBOW BEE-EATER *MEROPS ORNATUS*. *Aust. Bird Watcher* 10(3):104-105. Sept. 1983. WR 193
[8/114 Shannon St., Box Hill North, Victoria 3129, Australia]

84-005714 Koenig, Walter D. CLUTCH SIZE OF THE GILDED FLICKER. *Condor* 86(1):89-90. Feb. 1984. WR 193
[Hastings Reservation, Univ. Calif., Carmel Valley 93924] *Colaptes auratus chrysoides*.

84-005715 Kojima, Kenji and Hiroshi Arisawa. HABITAT AND FOOD HABIT OF THE BLACK WOODPECKER *DRYCCCOPUS MARTIUS* IN HOKKAIDO. *Tori* 32(2/3):109-111. Oct. 1983. In English with Japanese summ. WR 193
[Inst. Appl. Zool., Fac. Agric., Hokkaido Univ., Sapporo, Hokkaido 606, Japan]

84-005716 Korol, Jerome J. and Richard L. Hutto. FACTORS AFFECTING NEST SITE LOCATION IN GILA WOODPECKERS. *Condor* 86(1):73-78. Feb. 1984. WR 193
[Dep. Zool., Univ. Mont., Missoula 59812] *Melanerpes urogygialis* in Arizona.

OTHER BIRDS (CONTINUED)

84-005717 Laurie, Pete. OBSERVATIONS ON THE SINGING OF A CHUCK-WILL'S-WIDOW. *Chat* 48(1):15-16. 1984. WR 193
[750 Copperhead Trail, Johns Island, SC 29455] *Caprimulgus carolinensis* in South Carolina.

84-005718 Lennartz, Michael Robert. SOCIALITY AND COOPERATIVE BREEDING OF RED-COCKADED WOODPECKERS, *PICOIDES BOREALIS*. *Ph.D. dissertation, Clemson Univ.* 65p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1378. Nov. 1983. WR 193

84-005719 Lima, Steven L. DOWNY WOODPECKER FORAGING BEHAVIOR: EFFICIENT SAMPLING IN SIMPLE STOCHASTIC ENVIRONMENTS. *Ecology* 65(1):166-174. Feb. 1984. WR 193
[Dep. Biol., Univ. Rochester, Rochester, NY 14627] *Picoides pubescens* in Michigan.

84-005720 Link, Michael. FIRST RED-BELLIED WOODPECKER SIGHTING AT NORTHWOODS AUDUBON CENTER. *Loon* 55(4):177. 1983. WR 193
[Rt. 1, Sandstone, MN 55072] *Centurus carolinus* in Minnesota.

84-005721 Lobb, Mick. DIDRIC CUCKOO (*CHRYSOCOCCYX CAPRIUS*) -AKROTIRI, CYPRUS - 27 JUNE 1982. *R. Air Force Ornithol. Soc. J.* No. 14. p. [152-153.] Nov. 1983. WR 193

84-005722 Loflin, Robert Keith. COMMUNAL BEHAVIORS OF THE SMOOTH-BILLED ANI (*CROTOPHAGA ANI*). *Ph.D. dissertation, Univ. Miami* 138p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1378. Nov. 1983. WR 193

84-005723 Mödlinger, Pál. DATEN ÜBER DIE KÜNSTLICHE AUFZUCHT VON JUNGEN NANDUS (*RHEA AMERICANA*). [DATA ABOUT THE ARTIFICIAL RAISING OF YOUNG NANDUS (*RHEA AMERICANA*).] *Zool. Gart.* 53(3/5):295-304. In German. WR 193
[Zool. Gart., H-1371, pf 469, Budapest V., Hungary]

84-005724 Magrath, Robert and Alan Lill. THE USE OF TIME AND ENERGY BY THE CRIMSON ROSELLA IN A TEMPERATE WET FOREST IN WINTER. *Aust. J. Zool.* 31(6):903-912. 1983. WR 193
[Dep. Psychol. & Zool., Monash Univ., Clayton, Victoria 3168, Australia] *Platycercus elegans* in Australia.

84-005725 Martinez, Carmen. NOTES SUR L'ALIMENTATION DU GUÊPIER (*MEROPS APIASTER* L.) DANS UNE COLONIE DU CENTRE DE L'ESPAGNE. [NOTES ON THE PREY TAKEN BY BEE-EATERS *MEROPS APIASTER* AT A COLONY IN CENTRAL SPAIN.] *Alauda* 52(1):45-50. 1984. In French with English summ. WR 193
[Unidad Zool. Appl., Dep. Ecol., C.R.I.D.A. 06, I.N.I.A. Carretera de la Coruna Km. 7, Madrid-35, Spain]

84-005726 McNicholl, Martin K. USE OF A NOOSING POLE TO CAPTURE COMMON NIGHTHAWKS. *N. Am. Bird Bander* 8(3):104-105. July-Sept. 1983. WR 193
[320 Markham St., Toronto, Ontario, Canada M6G 2K9] *Chordeiles minor* in Canada.

OTHER BIRDS (CONTINUED)

84-005727 Merck, Wolfgang. KEEPING AND BREEDING GOLDIE'S LORIKEET *TRICHOGLOSSUS (PSITTEUTELES) GOLDIEI*. *Avic. Mag.* 89(2):69-70. 1983. WR 193
[Hamburg, West Germany]

84-005728 Milledge, D. R. and G. P. Clancy. CHESTNUT AND BROWN PHASES OF THE TAWNY FROGMOUTH ON THE NORTH COAST OF NEW SOUTH WALES. *Corella* 6(2):40-42. June 1982. WR 193
[C/- P.O. Rosebank via Lismore, New South Wales 2480, Australia] *Podargus strigoides* in Australia.

84-005729 Milstein, P. le S. FURTHER COMMENT ON BILL PIGMENTATION IN THE WOODLAND KINGFISHER. *Safring News* 12(2):53-56. 1983. WR 193
[Transvaal Nat. Conserv. Div., Private Bag X209, Pretoria 0001, South Africa] *Halcyon senegalensis*.

84-005730 Mumme, Ronald L.; Walter D. Koenig and Frank A. Pitelka. MATE GUARDING IN THE ACORN WOODPECKER: WITHIN-GROUP REPRODUCTIVE COMPETITON IN A COOPERATIVE BREEDER. *Anim. Behav.* 31(4):1094-1106. Nov. 1983. WR 193
[Univ. Calif., Star Route Box 80, Carmel Valley 93924] *Melanerpes formicivorus* in California.

84-005731 Nicholls, R. J. BREEDING OF THE DUSKY-HEADED CONURE (*ARATINGA WEDDELLII*). *Mag. Parrot Soc.* 18(1):1-4. Jan. 1983. WR 193

84-005732 Panigraphy, B. and W. C. Gilmore. SYSTEMIC SALMONELLOSIS IN AN AFRICAN GRAY PARROT AND SALMONELLA OSTEOMYELITIS IN CANARIES. *J. Am. Vet. Med. Assoc.* 183(6):699-700. 15 Sept. 1983. WR 193
[Dep. Vet. Microbiol. & Parasitol., Coll. Vet. Med., Tex. A&M Univ. College Station 77843] *Psittacus erithacus*.

84-005733 Parker, Shane A. THE EXTINCT KANGAROO ISLAND EMU, A HITHERTO-UNRECOGNIZED SPECIES. *Bull. Br. Ornithol. Club* 104(1):19-22. Mar. 1984. WR 193
[South Aust. Mus., North Terrace, Adelaide, South Australia 5000, Australia] *Dromaius baudinianus*.

84-005734 Peters, Wm. David and Thomas C. Grubb, Jr. AN EXPERIMENTAL ANALYSIS OF SEX-SPECIFIC FORAGING IN THE DOWNY WOODPECKER, *PICOIDES PUBESCENS*. *Ecology* 64(6):1437-1443. Dec. 1983. WR 193
[Dep. Biol., King Faisal Univ., P.O. Box 2214, Dammam 31451, Saudi Arabia]

84-005735 Pfeifer, Charles. BREEDING AND HAND RAISING SLENDER-BILLED COCKATOOS. *A.F.A. Watchbird* 10(2):6-9. Apr.-May 1983. WR 193
[Birmingham Zoo, Birmingham, AL] *Cacatua tenuirostris tenuirostris*.

84-005736 Plant, Kay. YELLOW-HEADED AMAZON PARROTS AT THE ZOO AND ATTEMPTED HAND-REARING OF A CHICK. *R. Zool. Soc. Scotland Annu. Rep.* 70:39-43. 1982. WR 193
Amazona ochrocephala.

84-005737 Saunders, D. A. VOCAL REPERTOIRE AND INDIVIDUAL VOCAL RECOGNITION IN THE SHORT-BILLED WHITE-TAILED BLACK COCKATOO, *CALYPTORHYNCHUS FUNEREUS LATIROSTRIS* CARNABY. *Aust. Wildl. Res.* 10(3):527-536. 1983. WR 193
[Div. Wildl. & Rangelands Res., CSIRO, Locked Bag No. 4, P.O. Midland, Western Australia 6056, Australia]

84-005738 Schürer, Ulrich and Jürgen Bock. HALTUNG UND ZUCHT DES JAMAIKAKOLIBRIS, *TROCHILUS POLYTMUS POLYTMUS* (LINNÉ, 1758). [HOLDING AND BREEDING OF THE STREAMERTAIL *TROCHILUS POLYTMUS POLYTMUS* (LINNÉ, 1758).] *Zool. Gart.* 53(3/5):169-195. 1983. In German with English summ. WR 193
[Zool. Gart. Wuppertal, Hubertusallee 30, D-5600 Wuppertal, West Germany]

84-005739 Schuchmann, Karl L. TWO HUMMINGBIRD SPECIES, ONE A NEW SUBSPECIES, NEW TO BOLIVIA. *Bull. Br. Ornithol. Club* 104(1):5-7. Mar. 1984. WR 193
[Zool. Forschunginst. & Mus. A. Koenig, Adenauerallee 150-164, 5300 Bonn 1, West Germany] *Polyplancta aurescens* and *Ramphomicron microrhynchum bolivianum* n. ssp.

84-005740 Seitz, Ekkehard and Brigitte Seitz. ERFOLGREICHE BRUT DES WEIßRÜCKENSPECHTS *PICOIDES LEUCOTOS* IM WESTALLGÄU. [SUCCESSFUL BREEDING OF THE *PICOIDES LEUCOTOS* IN WESTERN ALLGÄU.] *Anz. Ornithol. Ges. Bayern* 22(3):228. Dec. 1983. In German. WR 193
[Ufestr. 8, 8993 Nonnenhorn, West Germany]

84-005741 Sieber, Johanna. SECOND GENERATION CAPTIVE BREEDING OF THE KEA *NESTOR NOTABILIS* AT WILHELMINENBERG (VIENNA, AUSTRIA). *Avic. Mag.* 89(2):71-73. 1983. WR 193
[Inst. Comp. Ethol., Austrian Acad. Sci., Vienna, Austria]

84-005742 Stoodley, John. CARING FOR PIONUS PARROTS. *A.F.A. Watchbird* 10(4):22-25. Aug.-Sept. 1983. WR 193
Pionus spp.

84-005743 Sutton, George M. THE RED-BELLIED WOODPECKERS FAIL AGAIN. *Bull. Okla. Ornithol. Soc.* 17(1):1-4. Mar. 1984. WR 193
[818 W. Brooks St., Norman, OK 73069] *Melanerpes carolinus* in Oklahoma.

84-005744 Teixeira, Dante Martins and Alvaro Negret. THE DWARF TINAMOU (*TAONISCUS NANUS*) OF CENTRAL BRAZIL. *Auk* 101(1):188-189. Jan. 1984. WR 193
[Mus. Nac., Rio de Janeiro (RJ), CEP 20942, Brazil]

84-005745 Webb, C. J. and K. S. Bawa. POLLEN DISPERSAL BY HUMMINGBIRDS AND BUTTERFLIES: A COMPARATIVE STUDY OF TWO LOWLAND TROPICAL PLANTS. *Evolution* 37(6):1258-1270. Nov. 1983. WR 193
[Bot. Div., DSIR, Private Bag, Christchurch, New Zealand]

OTHER BIRDS (CONTINUED)

84-005746 Whitacre, David and Devora Ukrain. BIRD IN A CAVE. *Nat. Hist.* 91(11):56-61. Nov. 1982. WR 193
Streptoprocne zonaris.

84-005747 Witt, Hans-Hinrich; Robert L. Sutton and Karl-L. Schuchmann. THE BIOLOGY OF THE JAMAICAN TODY, *TODUS TODUS*. *Gosse Bird Club Broadsheet* 41:9-13. Sept. 1983. WR 193
[Adenauer Allee 150, D-5300 Bonn 1, West Germany]

84-005748 Wyndham, Edmund and John Le Gay Brereton. AGEING AND SEXING EASTERN ROSELLAS. *Corella* 6(4):89-91. Sept. 1982. WR 193
[Zool. Dep., Univ. New England, Armidale, New South Wales 2351, Australia]
Platycercus exemius in Australia.

84-005749 Zimmerman, Richard. BREEDING THE WHITE-CAPPED PARROT *PIONUS SENILIS*. *Avic. Mag.* 89(2):74-76. 1983. WR 193

AMPHIBIANS AND REPTILES

84-005750 Adler, Kraig. HERPETOLOGICAL ACTIVITIES IN THE PEOPLE'S REPUBLIC OF CHINA. *Herpetol. Rev.* 14(4):107. Dec. 1983. WR 193

84-005751 Christiansen, J. L. and C. M. Mabry. THE AMPHIBIANS AND REPTILES OF IOWA'S LOESS HILLS: SHIFTS IN RELATIVE ABUNDANCE OF SPECIES. *Proc. Iowa Acad. Sci.* 91(1):211. Mar. 1984. Abstract only. WR 193
[Dep. Biol., Drake Univ., Des Moines, IA 50311]

84-005752 Clawson, Mary E.; Thomas S. Baskett and Michael J. Armbruster. AN APPROACH TO HABITAT MODELING FOR HERPETOFAUNA. *Wildl. Soc. Bull.* 12(1):61-69. 1984. WR 193
[Box 662, Pickstown, SD 57367]

84-005753 Daniel, Paul M. THE HERPETOFAUNA OF ADAMS COUNTY, OHIO. *Ohio J. Sci.* 84(1):35-43. Mar. 1984. WR 193
[Dep. Zool., Miami Univ., Oxford, OH 45056]

84-005754 Dieringer, N.; S. L. Cochran and W. Precht. DIFFERENCES IN THE CENTRAL ORGANIZATION OF GAZE STABILIZING REFLEXES BETWEEN FROG AND TURTLE. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 153(4):495-508. 1983. WR 193
[Inst. Hirnforschung, Univ. Zürich, August-Forelstr. 1, CH-8029 Zürich, Switzerland]

84-005755 Duellman, William E. ANDEAN BIOGEOGRAPHY: EVOLUTION OF DISTRIBUTION PATTERNS OF AMPHIBIANS AND REPTILES. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 175-177. 1983. WR 193
[Mus. Nat. Hist. & Dep. Syst. & Ecol., Univ. Kans., Lawrence]

AMPHIBIANS AND REPTILES (CONTINUED)

84-005756 Fugler, Charles M. and Phillip E. Wylie. THE COMMUNITY STRUCTURE OF AN HONDURAN HERPETOFAUNA AT THE ONSET OF THE RAINY SEASON. *J. Elisha Mitchell Sci. Soc.* 96(2):116. 1982. Abstract only. WR 193

84-005757 Hardy, Jerry D., Jr. HERPETOLOGY OF TOBAGO: ADDITIONS, DELETIONS, AND TAXONOMIC CHANGES. *Bull. Md. Herpetol. Soc.* 20(1):12-19. 31 Mar. 1984. WR 193
[Dep. Herpetol., Nat. Hist. Soc. Md., Inc., 2643 N. Charles St., Baltimore 21218]

84-005758 Hoogmoed, Marinus S. and Ulrich Gruber. SPIX AND WAGLER TYPE SPEICIMENS OF REPTILES AND AMPHIBIANS IN THE NATURAL HISTORY MUSEA IN MUNICH (GERMANY) AND LEIDEN (THE NETHERLANDS). *Spixiana* Suppl. 9. p. 319-415. 15 Dec. 1983. In English with German summ. WR 193
[Rijksmus. Nat. Hist., Herpetol. Dep., Postbus 9517, 2300 RA Leiden, Netherlands]

84-005759 Ignat'eva, G. M. and N. V. Smirnova. DETERMINATION OF RNA CONTENT IN EGGS OF SOME FISHES AND AMPHIBIANS IN CONNECTION WITH THE REGULATION OF ONSET OF RNA SYNTHESIS IN THE EMBRYO. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 14(1):35-41. Jan.-Feb. 1983. Translated from Ontogenez 14(1):45-51. Jan.-Feb. 1983. WR 193
[N. K. Kol'etsov Inst. Dev. Biol., Acad. Sci., Moscow, USSR]

84-005760 Jones, Kenneth Bruce. DISTRIBUTION, ECOLOGY, AND HABITAT MANAGEMENT OF THE REPTILES AND AMPHIBIANS OF THE HUALAPAI-AQUARIUS PLANNING AREA, MOHAVE AND YAVAPAI COUNTIES, ARIZONA. *U.S. Bur. Land Manage. Tech. Note* TN-353. 143p. July 1981. From U.S. Government Reports 83(26):6456. 23 Dec. 1983. Available from NTIS as PB83-264259. WR 193

84-005761 Scott, A. Floyd. THE LITERATURE OF MIDDLE TENNESSEE HERPETOLOGY. *J. Tenn. Acad. Sci.* 58(1/2):13. Jan.-Apr. 1983. Abstract only. WR 193

84-005762 Spurgeon, J. P. and J. L. Christiansen. THE AMPHIBIANS AND REPTILES OF DAVIS COUNTY, IOWA. *Proc. Iowa Acad. Sci.* 91(1):210. Mar. 1984. Abstract only. WR 193
[Drake Univ., 2842 Forest Ave., Des Moines, IA 50311]

84-005763 Terhivuo, Juhani. EN KRÄL- OCH GRODDJURSUNDERSÖKNING SOM EXEMPEL PÅ EN ÖVERVAKNINGSUNDERSÖKNING. [REFERENCE TO THE METHODS AND THE DATA COMPILED FOR THE MONITORING OF THE FINNISH HERPETOFAUNA.] *Mem. Soc. Fauna Flora Fenn.* 59(3):73-76. 1983. In Finnish with English summ. WR 193
[Zool. Mus., Univ. Helsinki, P. Rautatiekatu 13, SF-00100 Helsinki 10, Finland]

84-005764 Whitaker, Romulus and Zai Whitaker. HERPETOLOGY IN INDIA. *Br. Herpetol. Soc. Bull.* No. 8. p. 18-24. Dec. 1983. WR 193
[Madras Snake Park, Raj Bhavan P.O., Madras-600 022, India]

AMPHIBIANS AND REPTILES (CONTINUED)

84-005765 Wilbur, Henry M.; Peter J. Morin and Reid N. Harris. SALAMANDER PREDATION AND THE STRUCTURE OF EXPERIMENTAL COMMUNITIES: ANURAN RESPONSES. *Ecology* 64(6):1423-1429. Dec. 1983. WR 193
[Dep. Zool., Duke Univ., Durham, NC 27706] *Rana sphenocephala, Bufo terrestris, Scaphiopus holbrooki*, and *Notophthalmus viridescens*.

84-005766 Wilson, Larry David. UPDATE ON THE LIST OF AMPHIBIANS AND REPTILES KNOWN FROM HONDURAS. *Herpetol. Rev.* 14(4):125-126. Dec. 1983. WR 193
[Dep. Biol., Miami-Dade Community Coll., South Campus, Miami, FL 33176]

AMPHIBIANS

84-005767 Abe, Yasuko; Taro Okazaki; Ryoiti Shukuya and Hiroaki Furuta. COPPER AND ZINC SUPEROXIDE DISMUTASE FROM THE LIVER OF BULLFROG *RANA CATESBEIANA*. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(1):125-130. 1984. WR 193
[Dep. Biochem., Nippon Med. School, Bunkyo-ku, Tokyo 113, Japan]

84-005768 Altig, Ronald and Ren Lohoefener. *RANA AREOLATA* BAIRD AND GIRARD. CRAWFISH FROG. *Catalog of American Amphibians and Reptiles* p. 324.1-324.4. Sept. 1983. WR 193
[Miss. State Univ., Mississippi State 39762]

84-005769 Ardila-Robayo, María Cristina. EL CARIOTIPO DE *CENTROLENE GECKOIDEUM* JIMENEZ DE LA ESPADA, 1872 (AMPHIBIA: ANURA). [THE KARYOTYPE OF *CENTROLENE GECKOIDEUM* JIMINEZ DE LA ESPADA, 1872 (AMPHIBIA: ANURA).] *Lozania (Acta Zool. Colombiana)* No. 36. 4p. 30 June 1983. In Spanish. WR 193
[Inst. Cienc. Nat.-Mus. Hist. Nat., Apartado 7495, Univ. Nac., Bogotá, Colombia]

84-005770 Bartlett, R. D. NOTES ON *HAIDEOTRITON WALLACEI*, THE GEORGIA BLIND SALAMANDER. *North. Ohio Assoc. Herpetol. Notes* 10(8):3-5. 24 May 1983. WR 193

84-005771 Beebee, Trevor J. C. AMPHIBIAN BREEDING SITES IN SUSSEX 1977-1983: POND LOSSES AND CHANGES IN SPECIES ABUNDANCE. *Br. J. Herpetol.* 6(9):342-346. Dec. 1983. WR 193
[School Biol., Univ. Sussex, Brighton BN1 9QG, England]

84-005772 Billings, Dave. THE COMMON FROG *RANA TEMPORARIA*: SOME NOTES ON ITS SUCCESSFUL HUSBANDRY AND BREEDING. *Br. Herpetol. Soc. Bull.* No. 8. p. 43-45. Dec. 1983. WR 193
[Red House Farm, Brakefield Green, Yaxham, East Dereham, Norfolk, England]

84-005773 Blaesing, Mark E. and Karen L. Hagen. GENETIC RELATIONSHIPS BETWEEN A SOUTHERN POPULATION, FORMERLY *PLETHODON LONGICRUS*, AND THREE NORTHERN POPULATIONS OF *PLETHODON YONAHLOSSEE*. *Trans. Ill. State Acad.*

AMPHIBIANS (CONTINUED)

84-005773 CONTINUED *Sci.* 76(3/4):217-225. 1983. WR 193
[Dep. Surgery, Univ. Ill. Med. Cent., Chicago 60612]

84-005774 Blaustein, Andrew R. and Richard K. O'Hara. KIN RECOGNITION IN *RANA CASCADAE* TADPOLES: EFFECTS OF REARING WITH NONSIBLINGS AND VARYING THE STRENGTH OF THE STIMULUS CUES. *Behav. Neural Biol.* 39(2):259-267. Nov. 1983. WR 193
[Dep. Zool., Oreg. State Univ., Corvallis 97331]

84-005775 Brodie, Edmund D., Jr.; Ronald A. Nussbaum and Marianne DiGiovanni. ANTIPREDATOR ADAPTATIONS OF ASIAN SALAMANDERS (SALAMANDRIDAE). *Herpetologica* 40(1):56-58. Mar. 1984. WR 193
[Biol. Dep., Adelphi Univ., Garden City, NY 11530]

84-005776 Broughton, Robert E. and Roger DeRoos. TEMPORAL EFFECTS OF INFUSED CORTICOSTERONE AND ALDOSTERONE ON PLASMA GLUCOSE LEVELS IN THE AMERICAN BULLFROG (*RANA CATESBEIANA*). *Gen. Comp. Endocrinol.* 53(2):325-330. Feb. 1984. WR 193
[Div. Biol. Sci., Univ. Mo., Columbia 65211]

84-005777 Brown, Gerald Leslie. LYSINE-RICH HISTONES OF THE AMPHIBIANS *XENOPUS* AND *AMBYSTOMA*. *Ph.D. dissertation, Carleton Univ. (Canada)* 1982. From Diss. Abstr. Int. B Sci. Eng. 44(7):2043. Jan. 1984. WR 193

84-005778 Brun, Rudolf B. and John A. Garson. NOTOCHORD FORMATION IN THE MEXICAN SALAMANDER (*AMBYSTOMA MEXICANUM*) IS DIFFERENT FROM NOTOCHORD FORMATION IN *XENOPUS LAEVIS*. *J. Exp. Zool.* 229(2):235-240. Feb. 1984. WR 193
[Tex. Christian Univ., Biol. Dep., Fort Worth 76129]

84-005779 Brzoska, Josef. DAS ERKENNEN AKUSTISCHER SIGNALE BEIM GRASFROSCH. [RECOGNITION OF ACOUSTIC SIGNALS IN THE GRASS FROG.] *Verh. Dtsch. Zool. Ges.* 76:171. 1983. German abstract only. WR 193
[Zool. Inst. Univ., Poppelsdorfer Schloß, D-5300 Bonn 1, West Germany] *Rana temporaria*.

84-005780 Camper, J. D. and J. L. Christiansen. ADDITIONS TO THE RANGE OF THE SMALLMOUTH SALAMANDER, *AMBYSTOMA TEXANUM* IN IOWA. *Proc. Iowa Acad. Sci.* 91(1):207. Mar. 1984. Abstract only. WR 193
[Dep. Biol., Drake Univ., Des Moines, IA 50311]

84-005781 Camper, J. D. TERRESTRIAL CENTRAL NEWTS, *NOTOPHTHALMUS VIRIDESCENS LOUISIANENSIS* IN IOWA. *Proc. Iowa Acad. Sci.* 91(1):209. Mar. 1984. Abstract only. WR 193
[Dep. Biol., Drake Univ., Des Moines, IA 50311]

AMPHIBIANS (CONTINUED)

84-005782 Capranica, R. R.; G. D. Harned and N. I. Passmore. DISCRIMINATION OF FREQUENCY-MODULATED SOUNDS BY THE FROG *KASSINA SENEGALENSIS*. *J. Acoust. Soc. Am.* 75(suppl. 1):S28. 1984. Abstract only. WR 193
[Sect. Neurobiol. & Behav., Cornell Univ., Ithaca, NY 14853]

84-005783 Cei, José M. A NEW LEPTODACTYLID FROG, GENUS *ATELOGNATHUS*, FROM SOUTHERN PATAGONIA, ARGENTINA. *Herpetologica* 40(1):47-51. Mar. 1984. WR 193
[Rancho Somuncurá, Rua Fausto Figueiredo, Birre 2750 Cascais, Portugal] *A. salai*.

84-005784 Clarke, B. T. A MORPHOLOGICAL RE-EXAMINATION OF THE FROG GENUS *NANNOPHRYS* (ANURA: RANIDAE) WITH COMMENTS ON ITS BIOLOGY, DISTRIBUTION AND RELATIONSHIPS. *Zool. J. Linn. Soc.* 79(4):377-398. Dec. 1983. WR 193
[Dep. Zool., British Mus. (Nat. Hist.), London, England]

84-005785 Crespo, E. G. CONTRIBUIÇÃO PARA O CONHECIMENTO DA BIOLOGIA DOS *ALYTES* IBÉRICOS, *ALYTES OBSTETRICANS BOSCAI* LATASTE, 1879 E *ALYTES CISTERNASII* BOSCÁ, 1879 [AMPHIBIA, DISCOGLOSSIDAE]: DESENVOLVIMENTO EMBRIONÁRIO E LARVAR. [CONTRIBUTION TO THE KNOWLEDGE OF THE BIOLOGY OF IBERIAN *ALYTES OBSTETRICANS BOSCAI*, LATASTE 1879, AND *A. CISTERNASII* BOSCÁ 1879 (AMPHIBIA, DISCOGLOSSIDAE): EMBRYONIC AND LARVAL DEVELOPMENT.] *Arq. Mus. Bocage Ser. C Suppl.* 1(8):313-352. 1982. In Portuguese with English and French summ. WR 193

84-005786 Crespo, E. G. CONTRIBUIÇÃO PARA O CONHECIMENTO DA BIOLOGIA DOS *ALYTES* IBÉRICOS, *ALYTES OBSTETRICANS BOSCAI* LATASTE, 1879 E *ALYTES CISTERNASII* BOSCÁ, 1879 [AMPHIBIA, DISCOGLOSSIDAE]: OVOS, POSTURAS (ÉPOCAS DE REPRODUÇÃO). [CONTRIBUTION TO THE KNOWLEDGE OF BIOLOGY OF IBERIAN *ALYTES OBSTETRICANS BOSCAI* LATASTE, 1879 AND *ALYTES CISTERNASII* BOSCÁ, 1879 (AMPHIBIA, DISCOGLOSSIDAE): EGGS, DEPOSITION AND PERIOD OF REPRODUCTION.] *Arq. Mus. Bocage Ser. A* 1(20):453-466. 1982. In Portuguese with English and French summ. WR 193

84-005787 Crespo, E. G. CONTRIBUIÇÃO PARA O CONHECIMENTO DA BIOLOGIA DAS ESPÉCIES IBÉRICAS DE *ALYTES*, *ALYTES OBSTETRICANS BOSCAI* LATASTE, 1879 E *ALYTES CISTERNASII* BOSCÁ 1879 (AMPHIBIA-DISCOGLOSSIDAE): CICLOS ESPERMATOGENÉTICOS E OVÁRICOS. [CONTRIBUTION TO THE KNOWLEDGE OF THE BIOLOGY OF IBERIAN *ALYTES OBSTETRICANS BOSCAI* LATASTE, 1879 AND *ALYTES CISTERNASII* BOSCÁ, 1879 (AMPHIBIA: DISCOGLOSSIDAE): OVARIAN AND SPERMATOGENETIC CYCLES.] *Arq. Mus. Bocage Ser. C Suppl.* 1(9):353-379. 1982. In Portuguese with English and French summ. WR 193

84-005788 Crespo, E. G. CONTRIBUIÇÃO PARA O CONHECIMENTO DA BIOLOGIA DAS ESPÉCIES IBÉRICAS DE *ALYTES*, *A. OBSTETRICANS BOSCAI*, LATASTE 1879 E *A. CISTERNASII*, BOSCÁ 1879 (AMPHIBIA, DISCOGLOSSIDAE): MORFOLOGIA DOS ADULTOS E DOS GIRINOS. [CONTRIBUTION TO THE KNOWLEDGE OF BIOLOGY OF IBERIAN *ALYTES OBSTERICANS BOSCAI*, LATASTE, 1879 AND *A. CISTERNASII*, BOSCÁ 1879 (AMPHIBIA, DISCOGLOSSIDAE):

AMPHIBIANS (CONTINUED)

84-005788 CONTINUED ADULT AND TADPOLE MORPHOLOGY.] *Arq. Mus. Bocage Ser. C Suppl.* 1(7):255-312. 1982. In Portuguese with English and French summ. WR 193

84-005789 Crim, Joe William. IMMUNOCYTOCHEMISTRY OF LUTEINIZING HORMONE-RELEASING HORMONE IN BRAINS OF BULLFROGS (*RANA CATESBEIANA*) DURING SPONTANEOUS METAMORPHOSIS. *J. Exp. Zool.* 229(2):327-337. Feb. 1984. WR 193
[Dep. Zool., Univ. Ga., Athens 30602]

84-005790 Crump, Martha L. OPPORTUNISTIC CANNIBALISM BY AMPHIBIAN LARVAE IN TEMPORARY AQUATIC ENVIRONMENTS. *Am. Nat.* 121(2):281-287. Feb. 1983. WR 193
[Dep. Zool., Univ. Fla., Gainesville 32611]

84-005791 Degani, G. and H. Mendelssohn. THE HABITATS, DISTRIBUTION AND LIFE HISTORY OF *TRITURUS VITTATUS VITTATUS* (JENYNS) IN THE MOUNT MERON AREA (UPPER GALILEE, ISRAEL). *Br. J. Herpetol.* 6(9):317-319. Dec. 1983. WR 193
[Galilee Technol. Cent., Kiryat Shmona, Israel]

84-005792 Degani, G. and H. Mendelssohn. SEASONAL ACTIVITY OF *SALAMANDRA SALAMANDRA* (L.) (AMPHIBIA: URODELA: SALAMANDRIDAE) IN THE HEADWATERS OF THE JORDAN RIVER. *Isr. J. Zool.* 31(3-4):77-85. 1982. WR 193
[Dep. Zool., Tel Aviv Univ., Tel Aviv 69978, Israel]

84-005793 Degani, Gad; N. Silanikove and A. Shkolnik. ADAPTATION OF GREEN TOAD (*BUFO VIRIDIS*) TO TERRESTRIAL LIFE BY UREA ACCUMULATION. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(3):585-587. 1984. WR 193
[MIGAL Galilee Technol. Cent., South Industrial Area, Kiryat Shmona 10200, Israel]

84-005794 Doerr-Schott, Jeannine and Monique Zuber-Vogeli. IMMUNOHISTOCHEMICAL STUDY OF THE ADENOHYPOPHYSIS OF *TYPHLONECTES COMPRESSICAUDUS* (AMPHIBIA, GYMNOPHIONA). *Cell Tissue Res.* 235(1):211-214. Jan. 1984. WR 193
[Lab. Physiol. Comp. Rég., CNRS, Strasbourg-Cronenbourg, France]

84-005795 Drewes, Robert C. A PHYLOGENETIC ANALYSIS OF THE HYPEROLIIDAE (ANURA): TREEFROGS OF AFRICA, MADAGASCAR, AND THE SEYCHELLES ISLANDS. *Occas. Pap. Calif. Acad. Sci.* No. 139. 70p. 17 Jan. 1984. WR 193
[Dep. Herpetol., Calif. Acad. Sci., San Francisco 94118]

84-005796 Feder, Martin E. EFFECT OF HYPOXIA AND BODY SIZE ON THE ENERGY METABOLISM OF LUNGLESS TADPOLES, *BUFO WOODHOUSEI*, AND AIR-BREATHING ANURAN LARVAE. *J. Exp. Zool.* 228(1):11-19. Oct. 1983. WR 193
[Dep. Anat., Univ. Chicago, 1025 E. 57th St., Chicago, IL 60637]

AMPHIBIANS (CONTINUED)

84-005797 Feder, Martin E. and Richard J. Wassersug. AERIAL *VERSUS* AQUATIC OXYGEN CONSUMPTION IN LARVAE OF THE CLAWED FROG, *XENOPUS LAEVIS*. *J. Exp. Biol.* 108:231-245. Jan. 1984. WR 193
[Dep. Anat. & Comm. Evol. Biol., Univ. Chicago, 1025 E. 57th St., Chicago, IL 60637]

84-005798 Forester, Don C.; Keith Harrison and Lisa McCall. THE EFFECTS OF ISOLATION, THE DURATION OF BROODING, AND NON-EGG OLFACTORY CUES ON CLUTCH RECOGNITION BY THE SALAMANDER, *DESMOGNATHUS OCHROPHAEUS*. *J. Herpetol.* 17(4):308-314. Dec. 1983. WR 193
[Biol. Sci./Inst. Anim. Behav., Towson State Univ., Towson, MD 21204]

84-005799 Freytag, Günther E. ZUR SYSTEMATISCHEN STELLUNG VON *TRITUROIDES CAUDOPUNCTATUS* LIU & HU, 1973 MORPHOMETRISCHE UND RÖNTGENANATOMISCHE BEFUNDE (AMPHIBIA, CAUDATA, SALAMANDRIDAE). [ON THE SYSTEMATIC POSITION OF *TRITUROIDES CAUDOPUNCTATUS* LIU & HU, 1973 MORPHOMETRIC AND ANATOMICAL FINDINGS ON THE BASIS OF X-RAY PHOTOS.] *Zool. Abh. (Dres.)* 39(2):39-50. 1983. In German with Enlgish summ. WR 193
[Zentralinst. Molekularbiol., Robert-Rössel-Str. 10, 1115 Berlin, East Germany]

84-005800 Gatten, Robert E., Jr. and Cheryl J. Hill. SOCIAL INFLUENCE ON THERMAL SELECTION BY *HYLA CRUCIFER*. *J. Herpetol.* 18(1):87-88. Mar. 1984. WR 193
[Dep. Biol., Univ. N.C., Greensboro 27412]

84-005801 Gerhardt, H. Carl. ACOUSTIC COMMUNICATION IN TREEFROGS. *Verh. Dtsch. Zool. Ges.* 76:25-35. 1983. In English. WR 193
[Div. Biol. Sci., Univ. Mo., Columbia 65211] *Hyla cinerea*, *H. versicolor*, and *H. chrysoscelis*.

84-005802 Gillis, J. E. and William J. Breuer. A COMPARISON OF RATES OF EVAPORATIVE WATER LOSS AND TOLERANCE TO DEHYDRATION IN THE RED-EFT AND NEWT OF *NOTOPHTHALMUS VIRIDESCENS*. *J. Herpetol.* 18(1):81-82. Mar. 1984. WR 193
[Biol. Dep., Allegheny Coll., Meadville, PA 16335]

84-005803 Green, David M. SYMPATRIC HYBRIDIZATION AND ALLOZYME VARIATION IN THE TOADS *BUFO AMERICANUS* AND *B. FOWLERI* IN SOUTHERN ONTARIO. *Copeia* 1984(1):18-26. 23 Feb. 1984. WR 193
[Dep. Biol., McMaster Univ., Hamilton, Ontario, Canada L8S 4K1]

84-005804 Hödl, W. RUFVERHALTEN UND PHONOTAXIS BEI MÄNNCHEN VON *PHYLLOBATES FEMORALIS* (DENDROBATIDAE). [CALLING BEHAVIOR AND PHONOTAXIS IN MALE *PHYLLOBATES FEMORALIS* (DENDROBATIDAE).] *Verh. Dtsch. Zool. Ges.* 76:172. 1983. German abstract only. WR 193
[Zool. Inst., Univ. Vienna, Althanstr. 14, A-1090 Vienna, Austria]

84-005805 Hanken, James. HIGH INCIDENCE OF LIMB SKELETAL VARIANTS IN A PERIPHERAL POPULATION OF THE RED-BACKED SALAMANDER, *PLETHODON CINEREUS* (AMPHIBIA: PLETHODONTIDAE), FROM NOVA SCOTIA. *Can. J. Zool.*

AMPHIBIANS (CONTINUED)

84-005805 CONTINUED 61(8):1925-1931. Aug. 1983. In English with French summ. WR 193
[DEPOB, Univ. Colo., Campus Box B-334, Boulder 80309]

84-005806 Hardy, Jerry D., Jr. FROGS, EGG TEETH, AND EVOLUTION: PRELIMINARY COMMENTS ON EGG TEETH IN THE GENUS *ELEUTHERODACTYLUS*. *Bull. Md. Herpetol. Soc.* 20(1):1-11. 31 Mar. 1984. WR 193
[Dep. Herpetol., Nat. Hist. Soc. Md., Inc., 2643 N. Charles St., Baltimore 21218]

84-005807 Hayes, Marc P. A TECHNIQUE FOR PARTITIONING HATCHING AND MORTALITY ESTMATES IN LEAF-BREEDING FROGS. *Herpetol. Rev.* 14(4):115-116. Dec. 1983. WR 193
[Dep. Biol., Univ. Miami, P.O. Box 249118, Coral Gables, FL 33124]

84-005808 Herman, Roger L. *ICHTHYOPHONUS*-LIKE INFECTION IN NEWTS (*NOTOPHTHALMUS VIRIDESCENS* RAFINESQUE). *J. Wildl. Dis.* 20(1):55-56. Jan. 1984. WR 193
[U.S. Fish & Wildl. Serv., Natl. Fish Health Res. Lab., Box 700, Kearneysville, WV 25430]

84-005809 Hillis, David M.; Ann M. Hillis and Robert F. Martin. REPRODUCTIVE ECOLOGY AND HYBRIDIZATION OF THE ENDANGERED HOUSTON TOAD (*BUFO HOUSTONENSIS*). *J. Herpetol.* 18(1):56-72. Mar. 1984. WR 193
[Mus. Nat. Hist. & Dep. Syst. & Ecol., Univ. Kans., Lawrence 66045]

84-005810 Holzwart, James and Kent D. Hall. THE ABSENCE OF GLYCEROL IN THE HIBERNATING AMERICAN TOAD *(BUFO AMERICANUS)*. *Bios* 55(1):31-36. 1984. WR 193
[Dep. Biol., Univ. Wis., Stevens Point 54481]

84-005811 Howard, James H.; Richard L. Wallace and Jay R. Stauffer, Jr. CRITICAL THERMAL MAXIMA IN POPULATIONS OF *AMBYSTOMA MACRODACTYLUM* FROM DIFFERENT ELEVATIONS. *J. Herpetol.* 17(4):400-402. Dec. 1983. WR 193
[Dep. Biol., Frostburg State Coll., Frostburg, MD 21532]

84-005812 Howerth, E. W. PATHOLOGY OF NATURALLY OCCURRING CHLAMYDIOSIS IN AFRICAN CLAWED FROGS (*XENOPUS LAEVIS*). *Vet. Pathol.* 21(1):28-32. Jan. 1984. WR 193
[Southeast. Coop. Wildl. Dis. Study, Dep. Parasitol. & Vet. Med., Univ. Ga., Athens 30602]

84-005813 Istenic, Lili and Boris Bulog. SOME EVIDENCE FOR THE AMPULLARY ORGANS IN THE EUROPEAN CAVE SALAMANDER *PROTEUS ANGUINUS* (URODELA, AMPHIBIA). *Cell Tissue Res.* 235(2):393-402. 1984. WR 193
[Dep. Biol., BF, Edvard Kardelj Univ., Ljubljana, Askerceva 12, POB 141/3, YU61001 Ljubljana, Yugoslavia]

AMPHIBIANS (CONTINUED)

84-005814 Kalezic, M. L. and N. Tucic. GENIC DIVERSITY AND POPULATION GENETIC STRUCTURE OF *TRITURUS VULGARIS* (URODELA, (SALAMANDRIDAE). *Evolution* 38(2):389-401. Mar. 1984. WR 193
[Fac. Sci., Dep. Biol., Univ. Belgrade, 11000 Belgrade, Yugoslavia]

84-005815 Kruse, Kipp C. OPTIMAL FORAGING BY PREDACEOUS DIVING BEETLE LARVAE ON TOAD TADPOLES. *Oecologia (Berl.)* 58(3):383-388. June 1983. WR 193
[Dep. Zool., Eastern Ill. Univ., Charleston 61920] *Bufo americanus*.

84-005816 Kumar, T. Rajendra; T. N. Krishnaprasadan and V. C. Kotak. EFFECT OF COMPLETE TAIL AMPUTATION ON THE RATE OF METAMORPHOSIS IN ANURAN TADPOLES. *J. Exp. Zool.* 228(1):79-82. Oct. 1983. WR 193
[Kotak: Dep. Biosci., Sardar Patel Univ., Vallabh Vidyanagar - 388 120, Gujarat, India] *Microhyla ornata* and *Rana tigrina*.

84-005817 Kurian, Thomas and S. K. Saidapur. FREQUENCY DISTRIBUTION OF CELL NUMBERS IN THE SPERMATOCYSTS DURING THE ANNUAL TESTICULAR CYCLE IN THE INDIAN FROG *RANA TIGERINA*. *J. Herpetol.* 17(4):315-319. Dec. 1983. WR 193
[Saidapur: Dep. Zool., Karnatak Univ., Dharwad 580003, India]

84-005818 Kuznetsova, T. G. and B. D. Vasilyev. [TO THE STUDY OF ULTRASTRUCTURE OF ACOUSTIC PAPILLAS OF INTERNAL EAR OF *RANA TEMPORARIA* L.] *Biol. Nauki (Mosc.)* 1983(11):36-41. 1983. In Russian with English summ. WR 193

84-005819 La Marca, Enrique and Hobart M. Smith. THE ANURAN NAMED *HYLA LOVERIDGEI* RIVERO. *Caribb. J. Sci.* 18(1-4):21. June 1982. WR 193
[DEPOB, Univ. Colo., Boulder 80309]

84-005820 La Marca, Enrique. *ELEUTHERODACTYLUS VANADISE* SP. NOV. (ANURA, LEPTODACTYLIDAE): FIRST CLOUD FOREST *ELEUTHERODACTYLUS* FROM THE VENEZUELAN ANDES. *Herpetologica* 40(1):31-37. Mar. 1984. WR 193
[Calle 15 esq., Carreia 7ma., Edificio La Marca, Local 1, Guanare, Portuguesa 3310, Venezuela]

84-005821 Larson, Allan. A MOLECULAR PHYLOGENETIC PERSPECTIVE ON THE ORIGINS OF A LOWLAND TROPICAL SALAMANDER FAUNA. II. PATTERNS OF MORPHOLOGICAL EVOLUTION. *Evolution* 37(6):1141-1153. Nov. 1983. WR 193
[Dep. Genet. & Mus. Vertebr. Physiol., Univ. Calif., Berkeley 94720] *Bolitoglossa*.

84-005822 Leff, L. G. and M. D. Bachmann. SELECTIVE PREDATION BY LARVAL TIGER SALAMANDERS (*AMBYSTOMA TIGRINUM*). *Proc. Iowa Acad. Sci.* 91(1):102. Mar. 1984. Abstract only. WR 193
[Dep. Anim. Ecol., Iowa State Univ., Ames 50011]

84-005823 Logvinenka, B. M.; I. B. Polyanskaya and O. P. Kodolova. [ON THE GENETICAL POLYMORPHISM OF MYOGENES IN *RANA RIDIBUNDA* PALL.] *Biol. Nauki (Mosc.)* 1983(11):73-76. 1983. In Russian with English summ. WR 193

AMPHIBIANS (CONTINUED)

84-005824 Luthardt-Laimer, Gisela and Gerhard Roth. REDUCTION OF VISUAL INHIBITION TO STATIONARY PREY BY EARLY EXPERIENCE IN *SALAMANDRA SALAMANDRA* (L.). *Z. Tierpsychol.* 63(4):294-302. Dec. 1983. In English with German summ. WR 193
[Roth: Fachbereich 2 - Biol./Chem., Univ. Bremen, Postf. 33 04 40, D-2800 Bremen 33, West Germany]

84-005825 Lynch, John D. and Pedro M. Ruiz-Carranza. NEW FROGS OF THE GENUS *ELEUTHERODACTYLUS* FROM THE ANDES OF SOUTHERN COLOMBIA. *Trans. Kans. Acad. Sci.* 86(1):99-112. 1983. WR 193
[School Life Sci., Univ. Nebr., Lincoln 68588] *Eleutherodactylus acatallelus*, *E. hernandezi* and *E. vicarius*.

84-005826 Lynch, John D. and Charles W. Myers. FROGS OF THE *FITZINGERI* GROUP OF *ELEUTHERODACTYLUS* IN EASTERN PANAMA AND CHOCOAN SOUTH AMERICA (LEPTODACTYLIDAE). *Bull. Am. Mus. Nat. Hist.* 175(5):481-572. 1983. Price $6.80. WR 193
[School Life Sci., Univ. Nebr., Lincoln] Data for 9 spp.

84-005827 Maha, George C.; Linda R. Maxson and Richard Highton. IMMUNOLOGICAL EVIDENCE FOR THE VALIDITY OF *PLETHODON KENTUCKI*. *J. Herpetol.* 17(4):398-400. Dec. 1983. WR 193
[PSC Box 1638, APO, New York, NY 09289]

84-005828 Malacarne, Giorgio and Rita Cortassa. SEXUAL SELECTION IN THE CRESTED NEWT. *Anim. Behav.* 31(4):1256-1257. Nov. 1983. WR 193
[Ist. Anat. Comp., Dip. Biol. Anim., Univ. Studi Torino, Via Giolitti 34, 10123 Turin, Italy] *Triturus cristatus*.

84-005829 Matsuda, Motoko and Kazuo Onitake. FERTILIZATION OF NEWT COELOMIC EGGS IN THE ABSENCE OF JELLY ENVELOPE MATERIAL. *Wilhelm Roux's Arch. Dev. Biol.* 193(2):64-70. 1984. WR 193
[Onitake: Biol. Lab., Nagoya Univ. Coll. Med. Tech., Daiko-cho, Nagoya 461, Japan] *Cynops pyrrhogaster*.

84-005830 Matsuda, Motoko and Kazuo Onitake. FERTILIZATION OF THE EGGS OF *CYNOPS PYRRHOGASTER* (JAPANESE NEWT) AFTER IMMERSION IN WATER. *Wilhelm Roux's Arch. Dev. Biol.* 193(2):61-63. 1984. WR 193
[Onitake: Biol. Lab., Nagoya Univ. Coll. Med. Tech., Daiko-cho, Nagoya 461, Japan]

84-005831 McMahon, Susan H. and Denise I. Pav. HISTOLOGICAL EXAMINATION OF THE INTEGUMENT OF FIFTEEN SPECIES OF PLETHODONTID SALAMANDERS (AMPHIBIA: URODELA: PLETHODONTIDAE). *J. Tenn. Acad. Sci.* 57(3/4):78-81. Oct. 1982. WR 193
[Pa. State Univ., University Park 16801]

84-005832 Mock, Beverly A. and D. E. Gill. THE INFRAPOPULATION DYNAMICS OF TRYPANOSOMES IN RED-SPOTTED NEWTS. *Parasitology* 88(2):267-282. Apr. 1984. WR 193

AMPHIBIANS (CONTINUED)

84-005832 CONTINUED
[Dep. Immunol., WRAIR, Washington, DC 20307] *Notophthalmus viridescens* in Virginia.

84-005833 Moore, Frank L. BEHAVIORAL ENDOCRINOLOGY OF AMPHIBIAN REPRODUCTION. *BioScience* 33(9):557-561. Oct. 1983. WR 193
[Dep. Zool., Oreg. State Univ., Corvallis 97331]

84-005834 Morin, Peter J.; Henry M. Wilbur and Reid N. Harris. SALAMANDER PREDATION AND THE STRUCTURE OF EXPERIMENTAL COMMUNITIES: RESPONSES OF *NOTOPHTHALMUS* AND MICROCRUSTACEA. *Ecology* 64(6):1430-1436. Dec. 1983. WR 193
[Dep. Biol., Coll. Holy Cross, Worcester, MA 01610] *Notophthalmus viridescens dorsalis*.

84-005835 Mountjoy, D. James. FIRST SPECIMEN OF *AMBYSTOMA TREMBLAYI* FOR ALGONQUIN PARK, ONTARIO. *Herpetol. Rev.* 14(4):124. Dec. 1983. WR 193
[79 Burk St., Oshawa, Ontario, Canada L1J 4C1]

84-005836 Okazaki, Taro; Kensuke Tamai and Ryoiti Shukuya. MEMBRANE PROTEINS OF THE ERYTHROCYTES OF BULLFROG, *RANA CATESBEIANA*, AND ITS TADPOLE. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(1):131-134. 1984. WR 193
[Dep. Biochem., Nippon Med. School, 1-1-5, Sendagi, Bunkyo-ku, Tokyo 113, Japan]

84-005837 Papenfuss, Theodore J.; David B. Wake and Kraig Adler. SALAMANDERS OF THE GENUS *BOLITOGLOSSA* FROM THE SIERRA MADRE DEL SUR OF SOUTHERN MEXICO. *J. Herpetol.* 17(4):295-307. Dec. 1983. In English with Spanish summ. WR 193
[Mus. Vertebr. Zool., Univ. Calif., Berkely 94720] *B. hermosa* new species.

84-005838 Pascual, Xavier and Roser Campeny. A PRELIMINARY NOTE ON THE DISTRIBUTION OF *TRITURUS HELVETICUS* IN CATALONIA (SPAIN). *Br. J. Herpetol.* 6(9):346-347. Dec. 1983. WR 193
[Secc. Herpetol., Mus. Zool., Apartat 593, Barcelona, Spain]

84-005839 Penna, M.; S. Contreras and A. Veloso. ACOUSTICAL REPERTOIRES AND MORPHOLOGICAL DIFFERENCES IN THE EAR OF TWO *ALSODES* SPECIES (AMPHIBIA: LEPTODACTYLIDAE). *Can. J. Zool.* 61(11):2369-2376. Nov. 1983. In English with French summ. WR 193
[Dep. Physiol. & Biophys., Fac. Med., Univ. Chile, Casilla 655, Santiago, Chile] *A. nodosus* and *A. tumultuosus*.

84-005840 Petranka, James W. ONTOGENY OF THE DIET AND FEEDING BEHAVIOR OF *EURYCEA BISLINEATA* LARVAE. *J. Herpetol.* 18(1):48-55. Mar. 1984. WR 193
[Dep. Biol., Univ. Ky., Lexington 40506-0225]

84-005841 Rastogi, R. K.; L. Iela; M. Di Meglio; L. Di Matteo; S. Minucci and I. Izzo-Vitiello. INITIATION AND KINETIC PROFILES OF SPERMATOGENESIS IN THE FROG, *RANA ESCULENTA* (AMPHIBIA). *J. Zool. (Lond.)* 201(4):515-525.

AMPHIBIANS (CONTINUED)

84-005841 CONTINUED Dec. 1983. WR 193
[Inst. & Mus. Zool., Univ. Naples, via Mezzocannone 8, 80134 Naples, Italy]

84-005842 Renaud, J. M. and E. D. Stevens. THE EXTENT OF LONG-TERM TEMPERATURE COMPENSATION FOR JUMPING DISTANCE IN THE FROG, *RANA PIPIENS*, AND THE TOAD, *BUFO AMERICANUS*. *Can. J. Zool.* 61(6):1284-1287. June 1983. In English with French summ. WR 193
[Dep. Physiol., Univ. Ottawa, Ottawa, Ontario, Canada K1H 8M5]

84-005843 Ryan, Michael J.; George A. Bartholomew and A. Stanley Rand. ENERGETICS OF REPRODUCTION IN A NEOTROPICAL FROG, *PHYSALAEMUS PUSTULOSUS*. *Ecology* 64(6):1456-1462. Dec. 1983. WR 193
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-005844 Sasayama, Yuichi and Nancy B. Clark. RENAL HANDLING OF PHOSPHATE, CALCIUM, SODIUM, AND POTASSIUM IN INTACT AND PARATHYROIDECTOMIZED *RANA PIPIENS*. *J. Exp. Zool.* 229(2):197-203. Feb. 1984. WR 193
[Dep. Biol., Fac. Sci., Toyama Univ., Toyama 930, Japan]

84-005845 Scadding, Steven R. EFFECT OF RETINOIC ACID ON LIMB REGENERATION IN *XENOPUS LAEVIS*. *Can. J. Zool.* 61(12):2698-2702. Dec. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-005846 Scadding, Steven R. LIMB REGENERATION IN THE NARROW-MOUTHED TOAD, *GASTROPHRYNE CAROLINENSIS*, (AMPHIBIA; ANURA; MICROHYLIDAE). *Can. J. Zool.* 61(8):1862-1865. Aug. 1983. In English with French summ. WR 193
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-005847 Schmidtler, J. J. and J. F. Schmidtler. VERBREITUNG, ÖKOLOGIE UND INNERARTLICHE GLIEDERUNG VON *TRITURUS VULGARIS* IN DEN ADRIATISCHEN KÜSTENGEBIETEN. [DISPERSAL, ECOLOGY AND INTERSPECIES CLASSIFICATION OF *TRITURUS VULGARIS* IN THE COASTAL AREA OF THE ADREATIC SEA.] *Spixiana* 6(3):229-249. Nov. 1983. In German with English summ. WR 193
[Oberföhringer Str. 35, 8000 Munich 81, West Germany]

84-005848 Schwartz, Albert. *ELEUTHERODACTYLUS GLAPHYCOMPUS* SCHWARTZ. *Catalog of American Amphibians and Reptiles* p. 323.1. Sept. 1983. WR 193
[Miami-Dade Community Coll., Miami, FL 33167]

84-005849 Schwartz, Albert. *ELEUTHERODACTYLUS GLANDULIFEROIDES* SHREVE. *Catalog of American Amphibians and Reptiles* p. 322.1. Sept. 1983. WR 193
[Miami-Dade Community Coll., Miami, FL 33167]

84-005850 Schwartz, Joshua J. and Kentwood D. Wells. INTERSPECIFIC ACOUSTIC INTERACTIONS OF THE NEOTROPICAL TREEFROG *HYLA EBRACCATA*. *Behav. Ecol. Sociobiol.* 14(3):211-224. 1984. WR 193
[Biol. Sci. Group, Univ. Conn., Storrs 06268] *H. microcephala* and *H. phlebodes* in Panama.

84-005851 Semlitsch, Raymond D. TERRESTRIAL MOVEMENTS OF AN EASTERN TIGER SALAMANDER, *AMBYSTOMA TIGRINUM*. *Herpetol. Rev.* 14(4):112-113. Dec. 1983. WR 193
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801]

84-005852 Sever, David M. *EURYCEA JUNALUSKA* SEVER, DUNDEE AND SULLIVAN. JUNALUSKA SALAMANDER. *Catalog of American Amphibians and Reptiles* p. 321.1-321.2. Sept. 1983. WR 193
[Saint Mary's Coll., Notre Dame, IN 46556]

84-005853 Shofner, William Phillip, Jr. THE POST-METAMORPHIC DEVELOPMENT OF THE PERIPHERAL AUDITORY SYSTEM OF THE BULLFROG, *RANA CATESBEIANA*: AN ANATOMICAL AND PHYSIOLOGICAL STUDY. *Ph.D. dissertation, Univ. Ill. (Urbana-Champaign)* 175p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1737. Dec. 1983. WR 193

84-005854 Simirskii, V. N. LENS-FORMING POTENCIES OF THE CORNEAL EPITHELIUM IN TADPOLES OF *RANA TEMPORARIA*. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 13(3):179-185. May-June 1982. Translated from Ontogenez 13(3):281-288. May-June 1982. WR 193
[N. K. Kol'etsov Inst. Dev. Biol., Acad. Sci., Moscow, USSR]

84-005855 Stewart, Margaret M. REDESCRIPTION OF THE TYPE OF *RANA CLAMITANS*. *Copeia* 1984(1):210-213. 23 Feb. 1984. WR 193
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

84-005856 Sullivan, Brian K. SEXUAL SELECTION IN WOODHOUSE'S TOAD (*BUFO WOODHOUSEI*). II. FEMALE CHOICE. *Anim. Behav.* 31(4):1011-1017. Nov. 1983. WR 193
[Dep. Zool., Ariz. State Univ., Tempe 85287]

84-005857 Taigen, Theodore L.; F. Harvey Pough and Margaret M. Stewart. WATER BALANCE OF TERRESTRIAL ANURAN (*ELEUTHERODACTYLUS COQUI*) EGGS: IMPORTANCE OF PARENTAL CARE. *Ecology* 65(1):248-255. Feb. 1984. WR 193
[Ecol. Sect., Biol. Sci. Group, Univ. Conn., Storrs 06268]

84-005858 Taigen, Theodore L. ACTIVITY METABOLISM OF ANURAN AMPHIBIANS: IMPLICATIONS FOR THE ORIGIN OF ENDOTHERMY. *Am. Nat.* 121(1):94-109. Jan. 1983. WR 193
[Biol. Sci. Group, Univ. Conn., Storrs 06268]

84-005859 Taigen, Theodore L. and F. Harvey Pough. PREY PREFERENCE, FORAGING BEHAVIOR, AND METABOLIC CHARACTERISTICS OF FROGS. *Am. Nat.* 122(4):509-520. Oct. 1983. WR 193
[Ecol. Sect., Biol. Sci. Group, Univ. Conn., Storrs 06268] *Dendrobates auratus*, *Colestethus inguinalis*, *C. nubicola* and *Eleutherodactylus coqui*.

84-005860 Telford, Steven Ralph. ASPECTS OF MATE RECOGNITION AND SOCIAL BEHAVIOUR IN A SUB-TROPICAL FROG COMMUNITY. *Ph.D. dissertation, Univ. Witwatersrand (South Africa)* 1983. From Diss. Abstr. Int. B Sci. Eng. 44(6):1747. Dec. 1983. WR 193

AMPHIBIANS (CONTINUED)

84-005861 Thompson, David and Fred Punzo. THE COMBINED EFFECTS OF LOW ENVIRONMENTAL pH AND TEMPERATURE ON THE SURVIVAL CAPACITY OF TADPOLES OF THE SOUTHERN TOAD, *BUFO TERRESTRIS*. *Fla. Sci.* 47(Suppl. 1):22. 1984. Abstract only. WR 193
[Dep. Biol., Univ. Tampa, Tampa, FL 33606]

84-005862 Treilhou-Lahille, F.; A. Jullienne; M. Aziz; A. Beaumont and M. S. Moukhtar. ULTRASTRUCTURAL LOCALIZATION OF IMMUNOREACTIVE CALCITONIN IN THE TWO CELL TYPES OF THE ULTIMOBRANCHIAL GLAND OF THE COMMON TOAD (*BUFO BUFO* L.). *Gen. Comp. Endocrinol.* 53(2):241-251. Feb. 1984. WR 193
[ERA 902 CNRS Lab. Biol.-Vertebr., Univ. Paris-Sud, Cent. d'Orsay, 91405 Orsay, Cedex, France]

84-005863 Tsukamoto, Yoshihiko. LIGHT-RELATED CHANGES IN ELECTRON-DENSE MATERIAL IN PHOTORECEPTOR SYNAPTIC CLEFTS OF THE FROG, *RANA CATESBEIANA*. *Cell Tissue Res.* 234(3):579-593. 1983. WR 193
[Dep. Anat., Hyogo Coll. Med., Mukogawa, Nishinomiya, Hyogo 663, Japan]

84-005864 Uzzell, Thomas and Heinz G. Tunner. AN IMMUNOLOGICAL ANALYSIS OF SPANISH AND FRENCH WATER FROGS. *J. Herpetol.* 17(4):320-326. Dec. 1983. WR 193
[Acad. Nat. Sci., Philadelphia, PA 19103] *Rana perezi*, *R. ridibunda*, and *R. esculenta*.

84-005865 Verrell, Paul A. AN UNUSUAL POPULATION OF TOADS. *Br. Herpetol. Soc. Bull.* No. 8. p. 31-32. Dec. 1983. WR 193
[Dep. Biol., Open Univ., Walton Hall, Milton Keynes MK7 6AA, Bucks., England] *Bufo bufo* in England.

84-005866 Wake, David B. FUNCTIONAL AND DEVELOPMENTAL CONSTRAINTS AND OPPORTUNITIES IN THE EVOLUTION OF FEEDING SYSTEMS IN URODELES. *In: Environmental Adaptation and Evolution, D. Mossakowski and G. Roth, editors.* p. 51-66. 1982. WR 193

84-005867 Wake, Marvalee H. DIVERSITY WITHIN A FRAMEWORK OF CONSTRAINTS. AMPHIBIAN REPRODUCTIVE MODES. *In: Environmental Adaptation and Evolution, D. Mossakowski and G. Roth, editors.* p. 87-106. 1982. WR 193

84-005868 Waldman, Bruce. KIN RECOGNITION AND SIBLING ASSOCIATION AMONG WOOD FROG (*RANA SYLVATICA*) TADPOLES. *Behav. Ecol. Sociobiol.* 14(3):171-180. 1984. WR 193
[Sub-Dep. Anim. Behav., Univ. Cambridge, Madingley, Cambridge CB3 8AA, England]

84-005869 Wassersug, Richard J. and W. Ronald Heyer. MORPHOLOGICAL CORRELATES OF SUBAERIAL EXISTENCE IN LEPTODACTYLID TADPOLES ASSOCIATED WITH FLOWING WATER. *Can. J. Zool.* 61(4):761-769. Apr. 1983. In English with French summ. WR 193
[Dep. Anat., Dalhousie Univ., Halifax, Nova Scotia, Canada B3H 4H7]

AMPHIBIANS (CONTINUED)

84-005870 Webb, James T. BRAIN AND LIVER GLUTAMINE SYNTHETASE OF *RANA CATESBEIANA* AND *RANA CANCRIVORA*. *U.S. Air Force Academy Tech. Rep.* 83-13. 15p. July 1983. From U.S. Government Reports 83(23):5547. 11 Nov. 1983. Available from NTIS as AD-A131 077/0. WR 193

84-005871 West, Carolyn A. and Raymond D. Semlitsch. ASPECTS OF THE LIFE HISTORY OF WEBSTER'S SALAMANDER, *PLETHODON WEBSTERI* HIGHTON. *Bull. S.C. Acad. Sci.* 44:88. 1982. Abstract only. WR 193

84-005872 Woodward, Bruce Douglas. PREDATOR-PREY INTERACTIONS AND BREEDING-POND USE OF TEMPORARY-POND SPECIES IN A DESERT ANURAN COMMUNITY. *Ecology* 64(6):1549-1555. Dec. 1983. WR 193
[Dep. Biol., Univ. N.M., Albuquerque 87131] Data for 6 spp.

84-005873 Woolbright, Lawrence L. SEXUAL SELECTION AND SIZE DIMORPHISM IN ANURAN AMPHIBIA. *Am. Nat.* 121(1):110-119. Jan. 1983. WR 193
[Dep. Biol. Sci., State Univ. N.Y., Albany 12222]

84-005874 Zavalishina, L. É.; L. V. Belousov and T. V. Ostroumova. THE LINK BETWEEN CONTACT POLARIZATION OF AMPHIBIAN EMBRYONAL CELLS AND THE INTENSITY OF PROTEIN SYNTHESIS. *Sov. J. Dev. Biol. (Engl. Transl. Ontogenez)* 11(5):297-303. Sept.-Oct. 1980. Translated from Ontogenez 11(5):492-499. Oct. 1980. WR 193
[Moscow State Univ., Moscow, USSR] *Rana temporaria*.

84-005875 Zelick, Randy D. and Peter M. Narins. INTENSITY DISCRIMINATION AND THE PRECISION OF CALL TIMING IN TWO SPECIES OF NEOTROPICAL TREEFROGS. *J. Comp. Physiol. A Sens. Neural Behav. Physiol.* 153(3):403-412. 1983. WR 193
[Dep. Biol., Univ. Calif., Los Angeles 90024] *Eleutherodactylus coqui* and *E. portoricensis* in Puerto Rico.

REPTILES

84-005876 Abe, Augusto S. EXPERIMENTAL AND FIELD RECORD OF PREFERRED TEMPERATURE IN THE NEOTROPICAL AMPHISBAENID *AMPHISBAENA MERTENSI* STAUCH (REPTILIA, AMPHISBAENIDAE). *Comp. Biochem. Physiol. A Comp. Physiol.* 77(2):251-253. 1984. WR 193
[Dep. Zool., Inst. Biocienc., UNESP Caixa Postal 178, 13500-Rio Claro, SP Brazil]

84-005877 Acuña M., Rafael A. EL EXITO DEL DESARROLLO DE LOS HUEVOS DE LA TORTUGA MARINA *LEPIDOCHELYS OLIVACEA* ESCHSCHOLTZ EN PLAYA OSTIONAL, COSTA RICA. [THE SUCCESS OF DEVELOPMENT OF EGGS OF THE MARINE TURTLE *LEPIDOCHELYS OLIVACEA* ESCHSCHOLTZ ON OSTIONAL BEACH, COSTA RICA.] *Brenesia* 21:371-385. Nov. 1983. In Spanish with English summ. WR 193
[Escuela Biol., Univ. Costa Rica, San Jose, Costa Rica]

84-005878 Adamson, Martin L. and Annie J. Petter. STUDIES ON GAMETOGENESIS IN *TACHYGONETRIA VIVIPARA* WEDL, 1862 AND *THELANDROS ALATUS* WEDL, 1862 (OXYUROIDEA; NEMATODA) FROM *UROMASTIX ACANTHINURUS*

REPTILES (CONTINUED)

84-005878 CONTINUED IN MOROCCO. *Can. J. Zool.* 61(10):2357-2360. Oct. 1983. In English with French summ. WR 193
[Lab. Zool., Mus. Natl. Hist. Nat. Assoc., C.N.R.S., 61 rue Buffon, 75231, Paris, France]

84-005879 Akester, J. MALE COMBAT AND REPRODUCTIVE BEHAVIOUR IN CAPTIVE *BITIS CAUDALIS* (A. SMITH). *Br. J. Herpetol.* 6(9):329-333. Dec. 1983. WR 193
[44 Forbes Ave., Harare, Zimbabwe]

84-005880 Allen, P. M. ON DISTRIBUTION & ECOLOGY OF CHAMAELEONID LIZARDS IN KENYA. *EANHS (East Afr. Nat. Hist. Soc.) Bull.* p. 89-90. Nov.-Dec. 1983. WR 193
[Box 14166, Nairobi, Kenya]

84-005881 Amr, Zuhair S. and Samir S. Amr. SNAKEBITES IN JORDAN. *Snake* 15(2):81-85. Dec. 1983. In English with Japanese summ. WR 193
[Dep. Biol. Sci., Fac. Sci., Univ. Jordan, Ammam, Jordan]

84-005882 Antonio, Frederick B. and James B. Barker. AN INVENTORY OF PHENOTYPIC ABERRANCIES IN THE EASTERN DIAMONDBACK RATTLESNAKE *(CROTALUS ADAMANTEUS)*. *Herpetol. Rev.* 14(4):108-110. Dec. 1983. WR 193
[Santa Fe Community Coll. Teaching Zoo, 3000 N.W. 83rd St., Gainesville, FL 32602]

84-005883 Arnold, E. N. EVOLUTIONARY ASPECTS OF TAIL SHEDDING IN LIZARDS AND THEIR RELATIVES. *J. Nat. Hist.* 18(1):127-169. Jan.-Feb. 1984. WR 193
[Dep. Zool., British Mus. (Nat. Hist.), Cromwell Rd., London SW7 5BD, England]

84-005884 Avery, Harold W. and Laurie J. Vitt. HOW TO GET BLOOD FROM A TURTLE. *Copeia* 1984(1):209-210. 23 Feb. 1984. WR 193
[Dep. Biol., State Univ. Coll. N.Y., Buffalo 14222]

84-005885 Bakker, Anne-Marie and Robin M. Andrews. INTRASPECIFIC ALLOMETRY OF STANDARD METABOLIC RATE OF *CHALCIDES OCELLATUS* (SAURIA: SCINCIDAE). *J. Herpetol.* 18(1):85-86. Mar. 1984. WR 193
[Dep. Biol., VPI&SU, Blacksburg, VA 24061]

84-005886 Banks, Chris B. BREEDING AND GROWTH OF THE PLUMED BASILISK (*BASILISCUS PLUMIFRONS*) AT THE ROYAL MELBOURNE ZOO. *Br. Herpetol. Soc. Bull.* No. 8. p. 26-30. Dec. 1983. WR 193
[Royal Melbourne Zoo, P.O. Box 74, Parkville, Victoria 3052, Australia]

84-005887 Bartlett, R. D. THE RED PIGMYS OF MATTAMUSKEET. *North. Ohio Assoc. Herpetol. Notes* 10(7):3-6. 27 Apr. 1983. WR 193
[Reptilian Breeding & Res. Inst., Ft. Myers, FL] *Sistrurus miliaris barbouri* in North Carolina.

REPTILES (CONTINUED)

84-005888 Bartlett, R. D. NOTES ON THE IGUANID LIZARD, *CORYTOPHANES CRISTATA*. *North. Ohio Assoc. Herpetol. Notes* 10(11):2-4. 23 Aug. 1983. WR 193

84-005889 Bartlett, R. D. DENIZENS OF THE TUNISIAN SAND (*SCINCUS SCINCUS* AND *SCINCOPUS FASCIATUS*). *North. Ohio Assoc. Herpetol. Notes* 11(6):4-7. 22 Mar. 1984. WR 193
[Retpilian Breeding & Res. Inst., 1421 Olmeda Way, Ft. Myers, FL 33901]

84-005890 Bechtel, Elizabeth R. and Terrence Whitecar. GENETICS OF STRIPING IN THE GOPHER SNAKE, *PITUOPHIS MELANOLEUCUS*. *J. Herpetol.* 17(4):362-370. Dec. 1983. WR 193
[Valdosta State Coll., Valdosta, GA 31698]

84-005891 Bee de Speroni, Noemí; Mario R. Cabrera and Liliana Manca. CONSIDERACIONES SOBRE LA OSTEOLOGIA CRANEAL, HIOIDES, ESTERNON Y LENGUA DE *PHYMATURUS PALLUMA* (MOLINA, 1782) (SAURIA, IGUANIDAE). [ON THE CRANIAL OSTEOLOGY, HYOID APPARATUS, STERNUM AND TONGUE OF *PHYMATURUS PALLUMA* (MOLINA, 1782) (SAURIA, IGUANIDAE).] *Hist. Nat. (Mendoza)* 3(24):197-212. 1983. In Spanish with English summ. WR 193
[Cátedra Anat. Comp., Fac. Cienc. Exactas, Fis. & Nat., Univ. Nac. Córdoba, Ave. Vélez Sársfield 299, 5000 Córdoba, Argentina]

84-005892 Benes, Elinor S. and David P. Muth. ANOTHER SPECIMEN OF *ANARBYLUS*. *Herpetol. Rev.* 14(4):110. Dec. 1983. WR 193
[Dep. Biol. Sci., Calif. State Univ., 6000 J St., Sacramento 95819] *A. switakii* in California.

84-005893 Best, Troy L. and Herman C. James. RATTLESNAKES (GENUS *CROTALUS*) OF THE PEDRO ARMENDARIZ LAVA FIELD, NEW MEXICO. *Copeia* 1984(1):213-215. 23 Feb. 1984. WR 193
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-005894 Birchard, Geoffrey F.; Craig P. Black; Gordon W. Schuett and Virginia Black. INFLUENCE OF PREGNANCY ON OXYGEN CONSUMPTION, HEART RATE AND HEMATOLOGY IN THE GARTER SNAKE: IMPLICATIONS FOR THE "COST OF REPRODUCTION" IN LIVE BEARING REPTILES. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(3):519-523. 1984. WR 193
[Dep. Psychol., Dartmouth Med. School, Hanover, NH 03756] *Thamnophis sirtalis*.

84-005895 Birchard, Geoffrey F.; Craig P. Black; Gordon W. Schuett and Virginia Black. FOETAL-MATERNAL BLOOD RESPIRATORY PROPERTIES OF AN OVOVIVIPAROUS SNAKE THE COTTONMOUTH, *ACKISTRODON PISCIVORUS*. *J. Exp. Biol.* 108:247-255. Jan. 1984. WR 193
[Dep. Physiol., Dartmouth Med. School, Hanover, NH 03756]

84-005896 Bissinger, Barbara Ellis. HOMING BEHAVIOR, SUN-COMPASS ORIENTATION, AND THERMOREGULATION IN THE LIZARD (*SCELOPORUS JARROVI*): THE ROLE OF THE PARIETAL EYE. *Ph.D. dissertation, City Univ. N.Y.* 165p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1374. Nov. 1983. WR 193

REPTILES (CONTINUED)

84-005897 Blair, D. *ELYTOPHALLUS CARETTAE* SP. N. (DIGENEA: HEMIURIDAE) FROM THE STOMACH OF LOGGERHEAD TURTLES (*CARETTA CARETTA* (L.)) FROM AUSTRALIA. *Proc. Helminthol. Soc. Wash.* 51(1):135-139. Jan. 1984. WR 193
[Dep. Zool., Univ. Canterbury, Christchurch, New Zealand]

84-005898 Blake, Edwin. THE CAPTIVE BREEDING OF CHINESE WATER DRAGON AND ATTENDANT DIFFICULTIES. *R. Zool. Soc. Scotland Annu. Rep.* 70:46-52. 1982. WR 193
Physignathus cocincinus.

84-005899 Blem, Charles R. and Cheryl Roeding. INTERGRADATION AMONG RINGNECK SNAKES, *DIADOPHIS PUNCTATUS* (LINNAEUS) IN VIRGINIA. *Va. J. Sci.* 34(4):207-214. 1983. WR 193
[Dep. Biol., Acad. Div., Va. Commonwealth Univ., Richmond 23284]

84-005900 Bornhauser, Christoph and Vincent Ziswiler. LOKOMOTIONSSTUDIE UND FUNKTIONSANALYSE DER EPAXONISCHEN MUSKULATUR BEIM NILKROKODIL *CROCODILUS NILOTICUS* (REPTILIA, CROCODYLIA). [STUDIES OF THE TERRESTRIAL LOCOMOTION AND FUNCTIONAL ANALYSES OF THE EPAXONIC MUSCULATURE OF *CROCODYLUS NILOTICUS* (REPTILIA, CROCODYLIA).] *Rev. Suisse Zool.* 90(4):789-798. Dec. 1983. In German with English summ. WR 193
[Zool. Mus. Univerität Zürich, Winterthurerstr. 190, CH-8057 Zürich, Switzerland]

84-005901 Bour, Roger and Alain Dubois. NOMENCLATURAL AVAILABILITY OF *TESTUDO CORIACEA* VANDELLI, 1761: A CASE AGAINST A RIGID APPLICATION OF THE RULES TO OLD, WELL-KNOWN ZOOLOGICAL WORKS. *J. Herpetol.* 17(4):356-361. Dec. 1983. WR 193
[Lab. Reptiles & Amphibiens, Mus. Nat. Hist. Nat., 25 rue Cuvier, 75005 Paris, France]

84-005902 Bowman, Dwight D. *HEXAMETRA LEIDYI* SP. N. (NEMATODA: ASCARIDIDAE) FROM NORTH AMERICAN PIT VIPERS (REPTILIA: VIPERIDAE). *Proc. Helminthol. Soc. Wash.* 51(1):54-61. Jan. 1984. WR 193
[Dep. Parasitol., Tulane Univ., New Orleans, LA 70112]

84-005903 Braddon, S. A.; B. B. Caffrey and J. R. Pike. IDENTIFICATION OF SUSPECT SEA TURTLE MEAT SAMPLES AND DETERMINATION OF SPECIES: A LAW ENFORCEMENT PROBLEM. *U.S. Natl. Mar. Fish. Serv.* SEFC-105. 32p. Dec. 1982. From U.S. Government Reports 84(4):38. 17 Feb. 1984. Available from NTIS as PB84-123272. WR 193

84-005904 Brandner, Robert L. A SEA TURTLE NESTING AT ISLAND BEACH STATE PARK, OCEAN COUNTY, NEW JERSEY. *Herpetol. Rev.* 14(4):110. Dec. 1983. WR 193
[Dep. Herpetol., Bronx Zoo, Bronx, NY 10460]

84-005905 Breitenbach, Gary L.; Justin D. Congdon and Richard C. van Loben Sels. WINTER TEMPERATURES OF *CHRYSEMYS PICTA* NESTS IN MICHIGAN: EFFECTS ON HATCHLING SURVIVAL. *Herpetologica* 40(1):76-81. Mar. 1984. WR 193
[Mus. Zool. & Div. Biol. Sci., Univ. Mich., Ann Arbor 48109]

REPTILES (CONTINUED)

84-005906 Bruno, Bartholomew B. (Bart). A CASE HISTORY INVOLVING A NEW METHOD OF TREATING ENTERIC INFECTIONS IN SNAKES. *North. Ohio Assoc. Herpetol. Notes* 10(8):8-10. 24 May 1983. WR 193

84-005907 Burdick, J. R.; Laura K. Lyngby and R. S. Tarr. ISOLATION OF *SALMONELLA* FROM LABORATORY-HOUSED IGUANID LIZARDS. *J. Herpetol.* 18(1):88-91. Mar. 1984. WR 193
[Dep. Microbiol., Chicago Coll. Osteopathic Med., Chicago, Il 60615] *Sceloporus occidentalis* and *Dipsosaurus dorsalis*.

84-005908 Busack, Stephen D. and Fabian M. Jaksic. AUTECOLOGICAL OBSERVATIONS OF *ACANTHODACTYLUS ERYTHRURUS* (SAURIA: LACERTIDAE) IN SOUTHERN SPAIN. *Amphibia-Reptilia* 3:237-255. 25 Nov. 1982. In English with Spanish summ. WR 193
[Mus. Vertebr. Zool., Univ. Calif., Berkeley 94720]

84-005909 Buskirk, James R. GEOGRAPHIC DISTRIBUTION: *CLEMMYS MARMORATA PALLIDA* (SOUTHWESTERN POND TURTLE). *CDC (Chelonian Doc. Cent.) Newsl.* 2(2-4):33. June-Dec. 1983. WR 193
[4108 Howe St., Oakland, CA 94611]

84-005910 Buskirk, James R. GEOGRAPHIC DISTRIBUTION: *KINOSTERNON ALAMOSAE*. *CDC (Chelonian Doc. Cent.) Newsl.* 2(2-4):33. June-Dec. 1983. WR 193
[4108 Howe St., Oakland, CA 94611]

84-005911 Buskirk, James R. GEOGRAPHIC DISTRIBUTION: *GOPHERUS AGASSIZII* (DESERT TORTOISE). *CDC (Chelonian Doc. Cent.) Newsl.* 2(2-4):33. June-Dec. 1983. WR 193
[4108 Howe St., Oakland, CA 94611]

84-005912 Buskirk, James R. *PSEUDEMYS (CHRYSEMYS) SCRIPTA HILTONI*. REPRODUCTION. *(Chelonian Doc. Cent.) Newsl.* 2(2-4):33. June-Dec. 1983. WR 193
[4108 Howe St., Oakland, CA 94611]

84-005913 Cabanac, M. CONFLICTS AND STRATEGY IN A COLD ENVIRONMENT. *J. Therm. Biol.* 9(1/2):63-66. Apr. 1984. WR 193
[Dep. Physiol. Fac. Méd., Univ. Laval, Quebec, Quebec, Canada G1K 7P4] *Tupinambis teguixin*.

84-005914 Cadle, John E. MOLECULAR SYSTEMATICS OF NEOTROPICAL XENODONTINE SNAKES: I. SOUTH AMERICAN XENODONTINES. *Herpetologica* 40(1):8-20. Mar. 1984. WR 193
[Div. Reptiles & Amphibians, Smithsonian Inst., Washington, DC 20560]

84-005915 Cadle, John E. MOLECULAR SYSTEMATICS OF NEOTROPICAL XENODONTINE SNAKES: II. CENTRAL AMERICAN XENODONTINES. *Herpetologica* 40(1):21-30. Mar. 1984. WR 193
[Div. Reptiles & Amphibians, Smithsonian Inst., Washington, DC 20560]

REPTILES (CONTINUED)

84-005916 Campbell, Jonathan A.; Linda S. Ford and John P. Karges. RESURRECTION OF *GEOPHIS ANOCULARIS* DUNN WITH COMMENTS ON ITS RELATIONSHIPS AND NATURAL HISTORY. *Trans. Kans. Acad. Sci.* 86(1):38-47. 1983. WR 193
[Dep. Biol., Univ. Tex., Arlington 76019]

84-005917 Case, Ted J. NICHE OVERLAP AND THE ASSEMBLY OF ISLAND LIZARD COMMUNITIES. *Oikos* 41(3):427-433. Dec. 1983. In English with Russian summ. WR 193
[Dep. Biol., C-016, Univ. Calif., San Diego, La Jolla 92093]

84-005918 Cervone, Thomas Henry. THE NATURAL HISTORY OF *VIRGINIA VALERIAE PULCHRA* (SERPENTES; COLUBRIDAE). *Ph.D. dissertation, Saint Bonaventure Univ.* 196p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1132. Nov. 1983. WR 193

84-005919 Cevese, A.; D. Gattullo; G. Losano; N. A. Marsh; G. Vacca and B. C. Whaler. THE EFFECT OF GABOON VIPER (*BITIS GABONICA*) VENOM ON CARDIAC STROKE WORK IN THE ANAESTHETIZED RABBIT. *Life Sci.* 34(14):1389-1393. 2 Apr. 1984. WR 193
[Ist. Fisiol., Umana Univ. Verona, Strada Le Grazie, 37100 Verona, Italy]

84-005920 Chowdhury, Sushant; H. R. Bustard and B. K. Tandan. INCUBATION AND HATCHING OF EGGS OF *GAVIALIS GANGETICUS* IN HATCHERIES. *Br. J. Herpetol.* 6(9):337-342. Dec. 1983. WR 193
[Asian Elephant Specialist Group IUCN/SSC, Cent. India Task Force, Bihar, c/o Bombay Nat. Hist. Soc., Sahid Baghat Singh Marg, Bombay, India]

84-005921 Christian Keith A. and Steve Waldschmidt. THE RELATIONSHIPS BETWEEN LIZARD HOME RANGE AND BODY SIZE: A REANALYSIS OF THE DATA. *Herpetologica* 40(1):68-75. Mar. 1984. WR 193
[Dep. Biol., Univ. Puerto Rico, Rio Piedras 00931]

84-005922 Collins, J. T. THE LIZARDS OF OZ. *Kans. Wildl.* 41(2):12-16. Mar.-Apr. 1984. WR 193
[Mus. Nat. Hist., Univ. Kans., Lawrence]

84-005923 Contrera, M. G. D.; R. A. Lopes; J. R. V. Costa; S. O. Petenusci and J. S. Lima-Verde. THE HISTOLOGY OF SALIVARY GLANDS IN THE COLUBRID SNAKE *SIBYNOMORPHUS MIKANII* (SCHLEGEL, 1837). *Can. J. Zool.* 61(4):936-941. Apr. 1983. In English with French summ. WR 193
[Lopes: Dep. Pathol., Fac. Pharmacy & Dentistry Ribeirão Prêtó, Univ. São Paulo, 14100 Ribeirão Prêto, Brazil]

84-005924 Cooper, William E. and Laurie J. Vitt. DETECTION OF CONSPECIFIC ODORS BY THE FEMALE BROAD-HEADED SKINK, *EUMECES LATICEPS*. *J. Exp. Zool.* 229(1):49-54. Jan. 1984. WR 193
[Dep. Biol., Auburn Univ., Montgomery 36193]

84-005925 Corredor E., Vladimir. UNA NUEVA ESPECIE DE *STENOCERCUS* (SAURIA: IGUANIDAE) DE LA CORDILLERA ORIENTAL DE COLOMBIA. [A NEW SPECIES OF *STENOCERCUS* (SAURIA: IGUANIDAE) OF THE EASTERN RANGES OF COLOMBIA.] *Lozania (Acta Zool. Colombiana)* No. 37. 10p. 30 June 1983. In Spanish with English summ. WR 193
[Inst. Nac. Salud, Secc. Sueros, Apartado Aéreo 80080 y 80334, Bogotá, Colombia] *S. lache*.

84-005926 Cox, T. M. OBSERVATIONS ON THE GROUND SKINK (*SCINCELLA LATERALIS*) IN N.E. TEXAS. *North. Ohio Assoc. Herpetol. Notes* 10(5):7-8. 24 Feb. 1983. WR 193

84-005927 Cox, Terry. NOTES ON THE EASTERN BOX TURTLE, *TERRAPENE CAROLINA CAROLINA*, IN MICHIGAN. *North. Ohio Assoc. Herpetol. Notes* 10(3):7. 21 Dec. 1982. WR 193

84-005928 Crabtree, Claude B. and Robert W. Murphy. ANALYSIS OF MATERNAL-OFFSPRING ALLOZYMES IN *CROTALUS VIRIDIS*. *J. Herpetol.* 18(1):75-80. Mar. 1984. WR 193
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-005929 Crews, David. ALTERNATIVE REPRODUCTIVE TACTICS IN REPTILES. *BioScience* 33(9):562-566. Oct. 1983. WR 193
[Dep. Zool., Univ. Tex., Austin 78712]

84-005930 Crowley, Shawn R. and Robert D. Pietruszka. AGGRESSIVENESS AND VOCALIZATION IN THE LEOPARD LIZARD (*GAMBELIA WISLIZENNII*): THE INFLUENCE OF TEMPERATURE. *Anim. Behav.* 31(4):1055-1060. Nov. 1983. WR 193
[Dep. Biol., Univ. N.M., Albuquerque 87131]

84-005931 Crumly, Charles R. THE CRANIAL MORPHOMETRY OF GALAPAGOS TORTOISES. *Proc. Calif. Acad. Sci.* 43(9):111-121. 17 Jan. 1984. WR 193
[Dep. Vertebr. Zool., Natl. Mus. Nat. Hist., Smithsonian Inst., Washington, DC 20560] *Geochelone* spp.

84-005932 Cuellar, Orlando. HISTOCOMPATIBILITY IN HAWAIIAN AND POLYNESIAN POPULATIONS OF THE PARTHENOGENETIC GECKO *LEPIDODACTYLUS LUGUBRIS*. *Evolution* 38(1):176-185. Jan. 1984. WR 193
[Dep. Biol., Univ. Utah, Salt Lake City 84112]

84-005933 Darevsky, I. S. and Nguyen Van Sang. [NEW AND LITTLE KNOWN LIZARD SPECIES FROM VIETNAM.] *Zool. Zh.* 62(12):1827-1837. Dec. 1983. In Russian with English summ. WR 193
[Zool. Inst., Acad. Sci., Leningrad, USSR] *Ophisaurus sokolovi*, *Sphenomorphus buenloicus*, and *S. rufocaudatus*.

84-005934 Davenport J.; Sarah A. Munks and P. J. Oxford. A COMPARISON OF THE SWIMMING OF MARINE AND FRESHWATER TURTLES. *Proc. R. Soc. Lond. B Biol. Sci.* 220(1221):447-475. 22 Feb. 1984. WR 193
[N.E.R.C. Unit. Mar. Invertebr. Biol., Mar. Sci. Lab., Menai Bridge, Gwynedd, North Wales, Wales] *Chelonia mydas*, *Mauremys caspica*, *Chrysemys scripta elegans*, and *Kinosternon subrubrum*.

REPTILES (CONTINUED)

84-005935 de Silva, Anslem. *TRIMERESURUS TRIGONOCEPHALUS* BITES. *Snake* 15(2):91-94. Dec. 1983. In English with Japanese summ. WR 193
[Fac. Med., Peradeniya, Sri Lanka]

84-005936 Dean, R. H. and J. W. Bickham. *STAUROTYPUS SALVINI* GRAY. CENTRAL AMERICAN MUSK TURTLE. *Catalog of American Amphibians and Reptiles* p. 327.1-327.2. Sept. 1983. WR 193
[Tex. A&M Univ., College Station 77843]

84-005937 Dessauer, Herbert C. and Charles J. Cole. INFLUENCE OF GENE DOSAGE ON ELECTROPHORETIC PHENOTYPES OF PROTEINS FROM LIZARDS OF THE GENUS *CNEMIDOPHORUS*. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(1):181-189. 1984. WR 193
[Dep. Biochem., La. State Univ. Med. Cent., New Orleans 70112]

84-005938 Ellison, Thomas. CARE OF A COLONY OF *IGUANA IGUANA*. *North. Ohio Assoc. Herpetol. Notes* 11(6):10-12. 22 Mar. 1984. WR 193
[400 N. Highland Ave., East Syracuse, NY 13057]

84-005939 Elsey, Ruth M. and Valentine Lance. EFFECT OF DIET ON BLOOD SELENIUM AND GLUTHATHIONE PEROXIDASE ACTIVITY IN THE ALLIGATOR. *Comp. Biochem. Physiol. B Comp. Biochem.* 76(4):831-837. 1983. WR 193
[Lance: Dep. Med., Tulane Univ. School Med., New Orleans, LA 70112]
Alligator mississippiensis

84-005940 Ernst, Carl H. GEOGRAPHIC VARIATION IN THE NEOTROPICAL TURTLE, *PLATEMYS PLATYCEPHALA*. *J. Herpetol.* 17(4):345-355. Dec. 1983. WR 193
[Dep. Biol., George Mason Univ., Fairfax, VA 22030]

84-005941 Ernst, Carl H. *PLATEMYS PALLIDIPECTORIS* FREIBERG. CHACO SIDENECK TURTLE. *Catalog of American Amphibians and Reptiles* p. 325.1-325.2. Sept. 1983. WR 193
[George Mason Univ., Fairfax, VA 22030]

84-005942 Ernst, Carl H. *PLATEMYS SPIXII* DUMÉRIL AND BIBRON. BLACK SPINY-NECKED TURTLE. *Catalog of American Amphibians and Reptiles* p. 326.1-326.2. Sept. 1983. WR 193
[George Mason Univ., Fairfax, VA 22030]

84-005943 Ferguson, Gary W. and Stanley F. Fox. ANNUAL VARIATION OF SURVIVAL ADVANTAGE OF LARGE JUVENILE SIDE-BLOTCHED LIZARDS, *UTA STANSBURIANA*: ITS CAUSES AND EVOLUTIONARY SIGNIFICANCE. *Evolution* 38(2):342-349. Mar. 1984. WR 193
[Dep. Biol., Tex. Christian Univ., Fort Worth 76129]

84-005944 Ford, Neil B. and Carolyn W. Schofield. SPECIES SPECIFICITY OF SEX PHEROMONE TRAILS IN THE PLAINS GARTER SNAKE, *THAMNOPHIS RADIX*. *Herpetologica* 40(1):51-55. Mar. 1984. WR 193
[Dep. Biol., Univ. Tex., Tyler 75701]

84-005945 Frankenberg, Eliezer. INTERACTIONS BETWEEN TWO SPECIES OF COLONIZING HOUSE GECKOS, *HEMIDACTYLUS TURCICUS* AND *HEMIDACTYLUS GARNOTII*. *J. Herpetol.* 18(1):1-17. Mar. 1984. WR 193
[Nat. Reserv. Authority, 78 Yirmeyahu St., Jerusalem 94467, Israel]

84-005946 Frazer, Nathaniel Blevins. DEMOGRAPHY AND LIFE HISTORY EVOLUTION OF THE ATLANTIC LOGGERHEAD SEA TURTLE, *CARETTA CARETTA*. *Ph.D. dissertation, Univ. Ga.* 247p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(5):1333. Nov. 1983. WR 193

84-005947 Freed, Paul S. and Mara Grady Freed. AN ADDITIONAL RESTRAINT TECHNIQUE FOR VENOMOUS SNAKES. *Herpetol. Rev.* 14(4):114. Dec. 1983. WR 193
[Dep. Herpetol., Houston Zool. Gardens, P.O. Box 1562, Houston, TX 77001]

84-005948 Fritts, Thomas H.; Wayne Hoffman and M. Angela McGehee. THE DISTRIBUTION AND ABUNDANCE OF MARINE TURTLES IN THE GULF OF MEXICO AND NEARBY ATLANTIC WATERS. *J. Herpetol.* 17(4):327-344. Dec. 1983. WR 193
[U.S. Fish & Wildl. Serv., Mus. Southwest. Biol., Univ. N.M., Albuquerque 87131] *Caretta caretta*, *Chelonia mydas*, *Lepidochelys kempi*, and *Dermochelys coriacea*.

84-005949 Fritts, Thomas H. EVOLUTIONARY DIVERGENCE OF GIANT TORTOISES IN GALAPAGOS. *Biol. J. Linn. Soc.* 21(1-2):165-176. Jan.-Feb. 1984. WR 193
[U.S. Fish & Wildl. Serv., DWRC, Mus. Southwest. Biol., Univ. N.M., Albuquerque 87131] *Geochelone elephantopus*.

84-005950 Frost, Darrel R. *SONORA SEMIANNULATA* BAIRD AND GIRARD. GROUND SNAKE. *Catalog of American Amphibians and Reptiles* p. 333.1-333.4. Sept. 1983. WR 193

84-005951 Frost, Darrel. RELATIONSHIPS OF THE BAJA CALIFORNIA GROUND SNAKES, GENUS *SONORA*. *Trans. Kans. Acad. Sci.* 86(1):31-37. 1983. WR 193
[Mus. Nat. Hist. & Dep. Systematics & Ecol., Univ. Kans., Lawrence 66045]

84-005952 Fuller, Steve. SUCCESSFUL TREATMENT OF EASTERN MILK SNAKE (*LAMPROPELTIS T. TRIANGULUM*) WITH "EMTRYL." *North. Ohio Assoc. Herpetol. Notes* 10(3):11. 21 Dec. 1982. WR 193

84-005953 Galbraith, David A. and Ronald J. Brooks. A SIMPLE RESTRAINING DEVICE FOR LARGE TURTLES. *Herpetol. Rev.* 14(4):115. Dec. 1983. WR 193
[Dep. Zool., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-005954 Gannon, V. P. J. and D. M. Secoy. GROWTH AND REPRODUCTIVE RATES OF A NORTHERN POPULATION OF THE PRAIRIE RATTLESNAKE, *CROTALUS V. VIRIDIS*. *J. Herpetol.* 18(1):13-19. Mar. 1984. WR 193
[Dep. Vet. Microbiol. & Immunol., Ontario Vet. Coll., Univ. Guelph, Guelph, Ontario, Canada N1G 2W1]

84-005955 Gatten, Robert E., Jr. AEROBIC AND ANAEROBIC METABOLISM OF FREELY-DIVING LOGGERHEAD MUSK TURTLES *(STERNOTHERUS MINOR)*. *Herpetologica* 40(1):1-7. Mar. 1984. WR 193
[Dep. Biol., Univ. N.C., Greensboro 27412]

REPTILES (CONTINUED)

84-005956 . Gicca, Diderot F. *ENYALIOSAURUS QUINQUECARINATUS* (GRAY). CENTRAL AMERICAN ARMED LIZARD. *Catalog of American Amphibians and Reptiles* p. 329.1-329.2. Sept. 1983. WR 193
[Fla. State Mus., Gainesville 32611]

84-005957 Godley, J. S.; R. W. McDiarmid and N. N. Rojas. ESTIMATING PREY SIZE AND NUMBER IN CRAYFISH-EATING SNAKES, GENUS *REGINA*. *Herpetologica* 40(1):82-88. Mar. 1984. WR 193
[Dep. Biol., Univ. S. Fla., Tampa 33620] *R. grahami* and *R. septemvittata*.

84-005958 Gopalakrishnakone, P. LIGHT AND ELECTRONMICROSCOPIC STUDY OF THE COSTO-CUTANEOUS MUSCLE (*M. COSTO-CUTANEUS*) OF THE RETICULATE PYTHON (*PYTHON RETICULATUS*). *Snake* 15(2):95-100. Dec. 1983. In English with Japanese summ. WR 193
[Dep. Anat., Natl. Univ. Singapore, Lower Kent, Ridge Rd., Singapore 0511]

84-005959 Gratz, Ronald K. EFFECT OF BILATERAL VAGOTOMY ON THE VENTILATORY RESPONSES OF THE WATER SNAKE *NERODIA SIPEDON*. *Am. J. Physiol.* 246(2):R221-R227. Feb. 1984. WR 193
[Dep. Biol. Sci., Mich. Technol. Univ., Houghton 49931]

84-005960 Greenberg, Neil; Michelle Scott and David Crews. ROLE OF THE AMYGDALA IN THE REPRODUCTIVE AND AGGRESSIVE BEHAVIOR OF THE LIZARD, *ANOLIS CAROLINENSIS*. *Physiol. Behav.* 32(1):147-151. Jan. 1984. WR 193
[Dep. Zool., Univ. Tenn., Knoxville 37996-0810]

84-005961 Greene, Harry W. DIETARY AND PHENOTYPIC DIVERSITY IN LIZARDS: WHY ARE SOME ORGANISMS SPECIALIZED? *In: Environmental Adaptation and Evolution, D. Mossakowski and G. Roth, editors*. p. 107-128. 1982. WR 193

84-005962 Greer, Allen E. and Carl Gans. THE AMPHISBAENIAN CARPUS: HOW PRIMITIVE IS IT? *J. Herpetol.* 17(4):406. Dec. 1983. WR 193
[Australian Mus., 6-8 College St., Sydney, New South Wales 2000, Australia] *Bipes* spp.

84-005963 Hagan, John M.; Paul C. Smithson and Phillip D. Doerr. BEHAVIORAL RESPONSE OF THE AMERICAN ALLIGATOR TO FREEZING WEATHER. *J. Herpetol.* 17(4):402-404. Dec. 1983. WR 193
[Box 5577, Dep. Zool., N.C. State Univ., Raleigh 27650] *Alligator mississippiensis*.

84-005964 Hattingh, J.; P. G. Wright and D. J. Menkin. ULTRASTRUCTURE OF THE ACCESSORY VENOM GLAND OF THE PUFF-ADDER AND EFFECTS OF NERVE STIMULATION ON DUCT PERFUSATE. *S. Afr. J. Zool.* 19(1):57-60. Jan. 1984. In English with Afrikaans summ. WR 193
[Dep. Gen. Physiol., Dental School, Univ. Witwatersrand, Johannesburg 2001, South Africa] *Bitis arietans*.

84-005965 Henderson, Robert W. and Henry S. Horn. THE DIET OF THE SNAKE *UROMACER FRENATUS DORSALIS* ON ILE DE LA GONÂVE, HAITI. *J. Herpetol.* 17(4):409-412. Dec. 1983. WR 193
[Sect. Vertebr. Zool., Milwaukee Public Mus., Milwaukee, WI 53233]

84-005966 Herbert, Christine Victoria. THE PHYSIOLOGICAL RESPONSES OF THE TURTLE, *CHRYSEMYS PICTA BELLII*, TO APNEA, AS A FUNCTION OF TEMPERATURE. *Ph.D. dissertation, Brown Univ.* 155p. 1983. From Diss. Abstr. Int. B Sci. Eng. 44(7):2077. Jan. 1984. WR 193

84-005967 How, R. A. and D. J. Kitchener. THE BIOLOGY OF THE GECKO *OEDURA RETICULATA* BUSTARD, IN A SMALL HABITAT ISOLATE IN THE WESTERN AUSTRALIAN WHEATBELT. *Aust. Wildl. Res.* 10(3):543-556. 1983. WR 193
[Western Australian Mus., Francis St., Perth, Western Australia 6000, Australia]

84-005968 Iverson, John B. *STAUROTYPUS TRIPORCATUS* (WIEGMANN). THREE-KEELED OR GIANT MUSK TURTLE. *Catalog of American Amphibians and Reptiles* p. 328.1-328.2. Sept. 1983. WR 193
[Earlham Coll., Richmond, IN 47374]

84-005969 Jennings, Mark R. LONGEVITY RECORDS FOR LIZARDS OF THE FAMILY HELODERMATIDAE. *Bull. Md. Herpetol. Soc.* 20(1):22-23. 31 Mar. 1984. WR 193
[School Renewable Nat. Resour., 210 Biol. Sci. E. Bldg., Univ. Ariz., Tucson 85721] *Heloderma* spp.

84-005970 Joger, Ulrich and Wolfgang Bischoff. ZWEI NEUE TAXA DER GATTUNG *TARENTOLA* (REPTILIA: SAURIA: GEKKONIDAE) VON DEN KANARISCHEN INSELN. [TWO NEW TAXA OF *TARENTOLA* (REPTILIA, SAURIA, GEKKONIDAE) FROM THE CANARY ISLANDS.] *Bonn. Zool. Beitr.* 34(4):459-486. Dec. 1983. In German with English and Spanish summ. WR 193
[Zool. Forschungsinst. Mus. Alexander Koenig, Adenauerallee 150-164, D-5300 Bonn 1, West Germany]

84-005971 Johnson, Clifford R. HEAD-BODY TEMPERATURE CONTROL AND BEHAVIORAL THERMOREGULATION IN THE AMERICAN ALLIGATOR. *Natl. Geogr. Soc. Res. Rep.* Vol. 15. p. 337-338. 1983. WR 193
[Univ. Calif., Berkeley] *Alligator mississippiensis*.

84-005972 Karasov, William H. and Roger A. Anderson. INTERHABITAT DIFFERENCES IN ENERGY ACQUISITION AND EXPENDITURE IN A LIZARD. *Ecology* 65(1):235-247. Feb. 1984. WR 193
[Dep. Physiol., School Med., Univ. Calif., Los Angeles 90024] *Cnemidophorus hyperythrus* in Mexico.

84-005973 Kent, Cheri G.; Anthony T. Tu and Collis R. Geren. ISOTACHOPHORETIC AND IMMUNOLOGICAL ANALYSIS OF VENOMS FROM SEA SNAKES (*LATICAUDA SEMIFASCIATA*) AND BROWN RECLUSE SPIDERS (*LOXOSCELES RECLUSA*) OF DIFFERENT MORPHOLOGY, LOCALITY, SEX, AND DEVELOPMENTAL STAGES. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(2):303-311. 1984. WR 193
[Geren: Dep. Chem., Univ. Arkansas, Fayetteville 72701]

REPTILES (CONTINUED)

84-005974 Khan, M. S. VENOMOUS TERRESTRIAL SNAKES OF PAKISTAN. *Snake* 15(2):101-105. Dec. 1983. In English with Japanese summ. WR 193
[Herp. Lab., 15/6 Darul Sadder North, Rabwah, Pakistan] Data for 57 taxa.

84-005975 Kharin, V. E. [A NEW SPECIES OF THE GENUS *HYDROPHIS* SENSU LATO (SERPENTES, HYDROPHIIDAE) FROM THE NORTH AUSTRALIAN SHELF.] *Zool. Zh.* 62(11):1751-1753. Nov. 1983. In Russian with English summ. WR 193
[Pac. Res. Inst. Fish & Oceanogr., Vladivostok, USSR] *H. macdowelli*.

84-005976 Klauber, Laurence M. RATTLESNAKES. THEIR HABITS, LIFE HISTORIES, & INFLUENCE ON MANKIND. (ABRIDGED EDITION. BY KAREN HARVEY MCCLUNG). *Univ. Calif. Press* xxii + 350p. 30 Apr. 1984. Price $8.95. WR 193

84-005977 Klemens, Michael W. and James L. Warner. THE STATUS OF *CLEMMYS MUHLENBERGII* (SCHOEPFF) IN CONNECTICUT. *Herpetol. Rev.* 14(4):124-125. Dec. 1983. WR 193
[Dep. Herpetol., Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024]

84-005978 Knight, James E. REMOVING RATTLESNAKES FROM HUMAN DWELLINGS USING GLUE BOARDS. *Proc. Great Plains Wildl. Damage Control Workshop* 6:111. 12 Dec. 1983. Abstract only. WR 193
[Coop. Ext. Serv., N.M. State Univ., Box 4901, Las Cruces 88003] *Crotalus* spp.

84-005979 Kopan, R. and Y. Yom-Tov. *AGAMA STELLIO* (REPTILIA: SAURIA) FEEDING ON AVIAN EGGS AND CHICKS. *Isr. J. Zool.* 31(3-4):159-160. 1982. WR 193
[Dep. Zool., Tel Aviv Univ., Tel Aviv 69978, Israel]

84-005980 Landis, Wayne G.; Dennis W. Johnson; Bernardita Infiesto; Martha C. Lamb and Mark V. Haley. POPULATION DYNAMICS OF THE SPOTTED TURTLE, *CLEMMYS GUTTATA*, ON CARROLL ISLAND. *Chem. Syst. Lab. (Aberdeen, Md.) Tech. Rep.* ARCSL-TR-83015. 18p. June 1983. From U.S. Government Reports 84(2):68-69. 20 Jan. 1984. Available from NTIS as AD-A133 599/1. WR 193

84-005981 Lawrence, K. TREATMENT OF PARASITIC INFESTATIONS IN REPTILES. *Br. Herpetol. Soc. Bull.* No. 8. p. 33-35. Dec. 1983. WR 193
[30 Beanhill Rd., Ducklington, Witney, Oxon OX8 7XX, England]

84-005982 Lawrence, K.; P. W. Muggleton and J. R. Needham. PRELIMINARY STUDY ON THE USE OF CEFTAZIDIME, A BROAD SPECTRUM CEPHALOSPORIN ANTIBIOTIC, IN SNAKES. *Res. Vet. Sci.* 36(1):16-20. Jan. 1984. WR 193
[Farm Mill Lane, Witney, Oxfordshire, England]

84-005983 Lilley, T. *PYTHON SAXULOIDES* - A DISTINCT SPECIES. *North. Ohio Assoc. Herpetol. Notes* 10(7):18-19. 27 Apr. 1983. WR 193
[Central Coast Reptile Res. Cent., Morro Bay, CA]

REPTILES (CONTINUED)

84-005984 Limpus, Colin J.; C. J. Parmenter; Valonna Baker and Annette Fleay. THE FLATBACK TURTLE, *CHELONIA DEPRESSA*, IN QUEENSLAND: POST-NESTING MIGRATION AND FEEDING GROUND DISTRIBUTION. *Aust. Wildl. Res.* 10(3):557-561. 1983. WR 193
[Natl. Parks & Wildl. Serv., Northern Regional Cent., Pallarenda, Queensland 4810, Australia]

84-005985 Lomonte, Bruno and José María Gutiérrez. LA ACTIVIDAD PROTEOLÍTICA DE LOS VENENOS DE SERPIENTES DE COSTA RICA SOBRE LA CASEÍNA. [PROTEOLYTIC ACTIVITY OF THE VENOMS OF COSTA RICAN SNAKES ON CASEIN.] *Rev. Biol. Trop.* 31(1):37-40. June 1983. In Spanish with English summ. WR 193
[Inst. Clodomiro, Fac. Microbiol., Univ. Costa Rica, San Jose, Costa Rica]

84-005986 Loumbourdis, N. S. and M. E. Kattoulas. A NORTHERNMOST LOCALITY FOR *TESTUDO MARGINATA* SCHOEPFF 1792 IN GREECE (SHORT NOTE). *Br. J. Herpetol.* 6(9):348-349. Dec. 1983. WR 193
[Dep. Zool., Univ. Thessaloniki, Greece]

84-005987 Lutz, Peter L. and Ann Dunbar-Cooper. THE NEST ENVIRONMENT OF THE AMERICAN CROCODILE (*CROCODYLUS ACUTUS*). *Copeia* 1984(1):153-161. 23 Feb. 1984. WR 193
[Div. Biol. & Living Resour., Univ. Miami, Miami, FL 33149]

84-005988 MacCulloch, Ross D. and D. M. Secoy. DEMOGRAPHY, GROWTH, AND FOOD OF WESTERN PAINTED TURTLES, *CHRYSEMYS PICTA BELLII* (GRAY), FROM SOUTHERN SASKATCHEWAN. *Can. J. Zool.* 61(7):1499-1509. July 1983. In English with French summ. WR 193
[Dep. Ichthyol. & Herpetol., Royal Ontario Mus., 100 Queen's Park, Toronto, Ontario, Canada M5S 2C6]

84-005989 Magnusson, Willian E. and Albertina P. Lima. PERENNIAL COMMUNAL NESTING BY *KENTROPYX CALCARATUS*. *J. Herpetol.* 18(1):73-75. Mar. 1984. WR 193
[Dep. Ecol., Inst. Nac. Pesquisas da Amazônia, Caixa Postal 478, 69.000 Manaus Amazonas, Brazil]

84-005990 Mapes, Jenny L. LOGGERHEAD (*CARETTA CARETTA*) SEA TURTLE CONSERVATION PROGRAM. *Fla. Sci.* 47(Suppl. 1):19. 1984. Abstract only. WR 193
[Mote Mar. Lab., 1600 City Island Park, Sarasota, FL 33577]

84-005991 Marcellini, Dale L. and Thomas A. Jenssen. A CHARACTER FOR DIFFERENTIATING THE SYMPATRIC LIZARDS, *ANOLIS COOKI* AND *ANOLIS CRISTATELLUS*. *Herpetol. Rev.* 14(4):113-114. Dec. 1983. WR 193
[Natl. Zool. Park, Washington, DC 20008]

84-005992 Mayhew, Wilbur W. CONFLICTS BETWEEN THE FRINGE-TOED LIZARD AND DEVELOPMENT IN THE COACHELLA VALLEY. *Cal-Neva Wildl. Trans.* 1983:144-147. 1983. WR 193
[Dep. Biol., Univ. Calif., Riverside 92521] *Uma inornata* in California.

REPTILES (CONTINUED)

84-005993 McBee, K.; J. W. Sites, Jr.; M. D. Engstrom; C. Rivero-Blanco and J. W. Bickham. KARYOTYPES OF FOUR SPECIES OF NEOTROPICAL GEKKOS. *J. Herpetol.* 18(1):83-84. Mar. 1984. WR 193
[Dep. Zool., Brigham Young Univ., Provo, UT 84602]

84-005994 McCarthy, Timothy J. A NOTE ON THE REPRODUCTION IN *LAEMANCTUS LONGIPES* IN BELIZE (SAURIA: IGUANIDAE). *Caribb. J. Sci.* 18(1-4):133. June 1982. WR 193
[Sect. Mammals, Carnegie Mus. Nat. Hist., 5800 Baum Blvd., Pittsburgh, PA 15206]

84-005995 McCoy, C. J.; Richard C. Vogt and Ellen J. Censky. TEMPERATURE-CONTROLLED SEX DETERMINATION IN THE SEA TURTLE *LEPIDOCHELYS OLIVACEA*. *J. Herpetol.* 17(4):404-406. Dec. 1983. WR 193
[Sect. Amphibians & Reptiles, Carnegie Mus. Nat. Hist., Pittsburgh, PA 15213]

84-005996 McCranie, James R. *NERODIA TAXISPILOTA* (HOLBROOK). BROWN WATER SNAKE. *Catalog of American Amphibians and Reptiles* p. 331.1-331.2. Sept. 1983. WR 193
[10770 SW 164th St., Miami, FL 33157]

84-005997 McDaniel, Robert C.; William A. Grunow; James J. Daly and Michael V. Plummer. SERUM CHEMISTRY OF THE DIAMOND-BACKED WATER SNAKE (*NERODIA RHOMBIFERA RHOMBIFERA*) IN ARKANSAS. *J. Wildl. Dis.* 20(1):44-46. Jan. 1984. WR 193
[Dep. Pathol., Univ. Arkansas Med. Sci., Little Rock 72205]

84-005998 Mecham, John S. *NERODIA HARTERI* (TRAPIDO). HARTER'S WATER SNAKE. *Catalog of American Amphibians and Reptiles* p. 330.1-330.2. Sept. 1983. WR 193
[Tex. Tech Univ., Lubbock 79409]

84-005999 Meek, R. BODY TEMPERATURES OF A DESERT POPULATION OF THE STRIPE-NECKED TERRAPIN, *MAUREMYS CASPICA*. *Br. J. Herpetol.* 6(9):335-337. Dec. 1983. WR 193
[8 Mountfield Rd., Huddersfield, England]

84-006000 Mellado, Valentín Pérez. ESTRUCTURA EN UNA TAXOCENOSIS DE LACERTIDAE (SAURIA, REPTILIA) DEL SISTEMA CENTRAL. [STRUCTURE IN A TAXOCENOSIS OF LACERTIDAE (SAURIA, REPTILIA) OF THE SISTEMA CENTRAL (IBERIAN PENINSULA).] *Mediterranea* No. 6 p. 39-64. Dec. 1982. In Spanish with English summ. WR 193
[Dep. Zool., Fac. Biol., Univ. Salamanca, Salamanca, Spain] Data for 8 ssp.

84-006001 Minton, Sherman A. *SISTRURUS CATENATUS* (RAFINESQUE). MASSASAUGA. *Catalog of American Amphibians and Reptiles* p. 332.1-332.2. Sept. 1983. WR 193
[Indiana Univ. Med. Cent., Indianapolis 46202]

REPTILES (CONTINUED)

84-006002 Morris, Richard W. EFFECT OF TEMPERATURE ON THE VENTILATORY RESPONSES OF THE EURYTHERMIC LIZARD *LEIOLOPISMA NIGRIPLANTARE*. *Comp. Biochem. Physiol. A Comp. Physiol.* 77(2):373-376. 1984. WR 193
[Bur. Chem. Hazards, Health Prot. Branch Bldg., Tunney's Pasture, Ottawa, Ontario, Canada K1A 0L2]

84-006003 Murthy, T. S. N. A HISTORICAL RESUME AND BIBLIOGRAPHY OF THE SNAKES OF INDIA. *Snake* 15(2):113-135. Dec. 1983. WR 193
[Zool. Survey India, Madras, 600 028, India]

84-006004 Myers, Charles W. SUBCIRCULAR PUPIL SHAPE IN THE SNAKE *TANTALOPHIS* (COLUBRIDAE). *Copeia* 1984(1):215-216. 23 Feb. 1984. WR 193
[Dep. Herpetol., Am. Mus. Nat. Hist., Central Park West at 79th St., New York, NY 10024]

84-006005 Nakamoto, Eiichi and Michihisa Toriba. SOME OBSERVATIONS ON MATING BEHAVIOR OF BURMESE PYTHON, *PYTHON MOLURUS BIVITTATUS* KUHL. *Snake* 15(2):110-112. Dec. 1983. In English with Japanese summ. WR 193
[Amami habu Cent., Nagahamacho, Naze, Kagoshima 894, Japan]

84-006006 National Research Council. CROCODILES AS A RESOURCE FOR THE TROPICS (MANAGING TROPICAL ANIMAL RESOURCES). *Natl. Res. Council, Washington, DC* 74p. 1983. From U.S. Government Reports 84(3):10-11. 3 Feb. 1984. Available from NTIS as PB84-119114. WR 193

84-006007 Nellis, David W.; Robert L. Norton and William P. MacLean. ON THE BIOGEOGRAPHY OF THE VIRGIN ISLANDS BOA, *EPICRATES MONENSIS GRANTI*. *J. Herpetol.* 17(4):413-417. Dec. 1983. WR 193
[Div. Fish & Wildl., 101 Estate Nazareth, St. Thomas, Virgin Islands 00802]

84-006008 Nelson, William F. SOME ASPECTS OF THE ECOLOGY OF THE DIAMONDBACK WATER SNAKE. *J. Tenn. Acad. Sci.* 58(1/2):14. Jan.-Apr. 1983. Abstract only. WR 193
Nerodia rhombifera rhombifera.

84-006009 Nichols, Valinda Ann and Charles H. Du Toit. A LEATHERBACK RETURNS TO FLAGLER COUNTY: A NEW NORTHERN NESTING RECORD FOR THE U.S. ATLANTIC COAST. *Herpetol. Rev.* 14(4):107. Dec. 1983. WR 193
[Fla. Div. Recreational & Parks, Rt. 1, Box 128-A, St. Augustine 32086]
Dermochelys coriacea in Florida.

84-006010 Nicol, S. C.; M. L. Glass and N. Heisler. COMPARISON OF DIRECTLY DETERMINED AND CALCULATED PLASMA BICARBONATE CONCENTRATION IN THE TURTLE *CHRYSEMYS PICTA BELLII* AT DIFFERENT TEMPERATURES. *J. Exp. Biol.* 107:521-525. Nov. 1983. WR 193
[Dep. Physiol., Univ. Tasmania, Box 252C GPO Hobart, Tasmania 7001, Australia]

REPTILES (CONTINUED)

84-006011 Nilson, Göran. A NEW SUBSPECIES OF THE ASIATIC PIT VIPER *AGKISTRODON HALYS* PALLAS, 1776 (SERPENTES, VIPERIDAE) FROM AFGHANISTAN. *Bonn. Zool. Beitr.* 34(4):469-476. Dec. 1983. In English with German summ. WR 193
[Univ. Göteborg, Dep. Zool., Box 250 59, S-400 31 Göteborg, Sweden] *A. h. boehmei*.

84-006012 Olmo, Ettore. GENOMIC COMPOSITION OF REPTILES: EVOLUTIONARY PERSPECTIVES. *J. Herpetol.* 18(1):20-32. Mar. 1984. WR 193
[Inst. Histol. & Embryol., Univ. Naples, Via Mezzocannone 8, 80134, Naples, Italy]

84-006013 Owens, D.; D. Crowell; G. Dienberg; M. Grassman and S. McCain. PROCEEDINGS OF WESTERN GULF OF MEXICO SEA TURTLE WORKSHOP HELD AT COLLEGE STATION, TEXAS ON JANUARY 13-14, 1983. *Sea Grant Coll. Program, Tex. A&M Univ.* 81p. Oct. 1983. From U.S. Government Reports 84(3):74. 3 Feb. 1984. Available from NTIS as PB84-121177. WR 193

84-006014 Packard, Gary C.; Mary J. Packard and Thomas J. Boardman. INFLUENCE OF HYDRATION OF THE ENVIRONMENT ON THE PATTERN OF NITROGEN EXCRETION BY EMBRYONIC SNAPPING TURTLES (*CHELYDRA SERPENTINA*). *J. Exp. Biol.* 108:195-204. Jan. 1984. WR 193
[Dep. Zool. & Entomol., Colo. State Univ., Fort Collins 80523]

84-006015 Peirce, M. A. SOME PARASITES OF REPTILES FROM ZAMBIA AND INDIAN OCEAN ISLANDS WITH A DESCRIPTION OF *HAEMOGREGARINA ZAMBIENSIS* SP. NOV. FROM *DISPHOLIDUS TYPUS* (COLUBRIDAE). *J. Nat. Hist.* 18(2):211-217. Mar.-Apr. 1984. WR 193
[16 Westmorland Close, Woosehill, Wokingham, Berkshire, England]

84-006016 Perret, Jean-Luc and Jean Wuest. LA MICROSTRUCTURE DES ÉCAILLES DE QUELQUES SCINDIDÉS AFRICAINS ET PALÉARCTIQUES (LACERTILIA), OBSERVÉE AU MICROSCOPE ÉLECTRONIQUE À BALAYAGE, II. [STEREOSCAN OBSERVATIONS ON SCALES OF SOME MORE SCINCIDAE (LACERTILIA).] *Rev. Suisse Zool.* 90(4):913-928. Dec. 1983. In French with English summ. WR 193
[Mus. Hist. Nat., case postale 434, CH-1211 Geneva 6, Switzerland]

84-006017 Peterson, J. A. THE EVOLUTION OF THE SUBDIGITAL PAD OF *ANOLIS*. 2. COMPARISONS AMONG THE IGUANID GENERA RELATED TO THE ANOLINES AND A VIEW FROM OUTSIDE THE RADIATION. *J. Herpetol.* 17(4):371-397. Dec. 1983. WR 193
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-006018 Peterson, J. A. THE LOCOMOTION OF *CHAMAELEO* (REPTILIA: SAURIA) WITH PARTICULAR REFERENCE TO THE FORELIMB. *J. Zool. (Lond.)* 202(1):1-42. Jan. 1984. WR 193
[Dep. Biol., Univ. Calif., Los Angeles]

84-006019 Peterson, Jane A. THE SCALE MICROARCHITECTURE OF *SPHENODON PUNCTATUS*. *J. Herpetol.* 18(1):40-47. Mar. 1984. WR 193
[Dep. Biol., Univ. Calif., Los Angeles 90024]

84-006020 Philip, Cornelius B. A UNIQUE, DIVERGENT DEVELOPMENTAL DEPENDENCE OF A GALAPAGOS HORSE FLY (DIPTERA, TABANIDAE). *Wasmann J. Biol.* 41(1-2):47-49. 1983. WR 193
[Dep. Entomol., Calif. Acad. Sci., Golden Gate Park, San Francisco 94118]

84-006021 Platt, Thomas R. REDESCRIPTION OF *CAPILLARIA SERPENTINA* HARWOOD, 1932, (NEMATODA: TRICHUROIDEA) FROM FRESHWATER TURTLES IN VIRGINIA. *Can. J. Zool.* 61(9):2185-2189. Sept. 1983. In English with French summ. WR 193
[Dep. Biol., Univ. Richmond, Richmond, VA 23173] *Chelydra serpentina serpentina*, *Chrysemys picta picta* and *Sternotherus odoratus*.

84-006022 Poglayen-Neuwall, Ivo. GEGLÜCKTE ZUCHT DER PANTHER-SCHILDKRÖTE (*GEOCHELONE PARDALIS BABCOCKI*). [SUCCESSFUL BREEDING OF THE LEOPARD TORTOISE (*GEOCHELONE PARDALIS BABCOCKI*).] *Zool. Gart.* 53(3/5):217-225. 1983. In German. WR 193
[Gene Reid Zool. Park, Tucson, AZ 85716]

84-006023 Pough, F. Harvey and Harvey B. Lillywhite. BLOOD VOLUME AND BLOOD OXYGEN CAPACITY OF SEA SNAKES. *Physiol. Zool.* 57(1):32-39. Jan./Feb. 1984. WR 193
[Section Ecol. & Systematics, Cornell Univ., Ithaca, NY 14853-0239] *Acalyptophis peronii*, *Aipysurus laevis*, *Hydrophis melanocephalus*, and *Pelamis platurus*.

84-006024 Powlick, George Dennis. SEPARATION AND CHARACTERIZATION OF TOXIC COMPONENTS OF *AGKISTRODON P. PISCIVORUS* (EASTERN COTTONMOUTH MOCCASIN) VENOM. *Ph.D. dissertation, Univ. Arkansas* 133p. 1982. From Diss. Abstr. Int. B Sci. Eng. 44(6):1807. Dec. 1983. WR 193

84-006025 Provancha, Jane; M. J. Provancha and C. T. Gaetz. 1983 SEA TURTLE NESTING AT KENNEDY SPACE CENTER AND CAPE CANAVERAL AIR FORCE STATION. *Fla. Sci.* 47(Suppl. 1):45. 1984. Abstract only. WR 193
[Bionetics Corp., Kennedy Space Cent., FL 32899] *Caretta caretta* and *Chelonia mydas*.

84-006026 Quinn, Hugh R. TWO NEW SUBSPECIES OF *LAMPROPELTIS TRIANGULUM* FROM MÉXICO. *Trans. Kans. Acad. Sci.* 86(1):113-135. 1983. WR 193
[Dep. Herpetol., Houston Zool. Gardens, 1513 Outerbelt Dr., Houston, TX 77030] *L. t. campbelli* and *L. t. dixoni*.

84-006027 Rand, A. Stanley and Harry W. Greene. LATITUDE AND CLIMATE IN THE PHENOLOGY OF REPRODUCTION IN THE GREEN IGUANA, *IGUANA IGUANA*. *In: Iguanas of the World. Their Behavior, Ecology, and Conservation, G. M. Burghardt and A. Stanley Rand, editors*. p. 142-149. 1982. WR 193

84-006028 Reichenbach, Norman G. AN AGGREGATION OF FEMALE GARTER SNAKES UNDER CORRUGATED METAL SHEETS. *J. Herpetol.* 17(4):412-413. Dec. 1983. WR 193
[Dep. Entomol., Ohio State Univ., Columbus 43210] ***Thamnophis sirtalis.***

84-006029 Reid, H. A. and R. D. G. Theakston. THE MANAGEMENT OF SNAKE BITE. *Bull. W.H.O.* 61(6):885-895. 1983. WR 193

84-006030 Reischl, E.; O. G. Hampe and Rosa H. Crestana. TIME COURSE OF SH GROUP DISAPPEARANCE FROM THE HAEMOGLOBINS OF THE TURTLE *PHRYNOPS HILARII*. *Comp. Biochem. Physiol. B Comp. Biochem.* 77(1):207-210. 1984. WR 193
[Lab. Biofis. Molecular, Dep. Fisiol. Farmacol. & Biofis., Univ. Fed. Rio Grande do Sul, 90.000 Porto Alegre, RS, Brazil]

84-006031 Rhame, Marlan L. III; Douglas Brane; Dorothy Beatty and William Oldland. ANALYSIS OF NEST PROTECTION EXPERIMENTS CONDUCTED ON THE ATLANTIC LOGGERHEAD (*CARETTA C. CARETTA*). *Bull. S.C. Acad. Sci.* 44:80. 1982. Abstract only. WR 193

84-006032 Rhodin, Anders G. J.; Russell A. Mittermeier and J. Robert McMorris. *PLATEMYS MACROCEPHALA*, A NEW SPECIES OF CHELID TURTLE FROM CENTRAL BOLIVIA AND THE PANTANAL REGION OF BRAZIL. *Herpetologica* 40(1):38-46. Mar. 1984. WR 193
[Mus. Comp. Zool., Harvard Univ., Cambridge, MA 02138]

84-006033 Roberts, Johnna B. and Harvey B. Lillywhite. LIPIDS AND THE PERMEABILITY OF EPIDERMIS FROM SNAKES. *J. Exp. Zool.* 228(1):1-9. Oct. 1983. WR 193
[Dep. Pharmaceutical Chem., Univ. Kans., Lawrence 66045]

84-006034 Rodrigues da Cunha, Osvaldo and Francisco Paiva do Nascimento. OFÍDIOS DA AMAZÔNIA. XVII - REVALIDAçÃO DE *MICRURUS ORNATISSIMUS* (JAN, 1858) DIFERENCIADA DE *M. LANGSDORFFI* (WAGLER, 1824) E DISTRIBUIçÃO GEOGRÁFICA DAS DUAS ESPÉCIES (OPHIDIA: ELAPIDAE). [SNAKES OF AMAZONIA. XVII - REEVALUATION OF *MICRURUS ORNATISSIMUS* (JAN, 1858) DIFFERENTIATED FROM *M. LANGSDORFFI* (WAGLER, 1824) AND GEOGRAPHICAL DISTRIBUTION OF THE TWO SPECIES (OPHIDIA: ELAPIDAE).] *Bol. Mus. Para. Emilio Goeldi Nova Ser. Zool.* No. 116. 17p. 2 Sept. 1982. In Portuguese with English summ. WR 193

84-006035 Rodrigues da Cunha, Osvaldo and Francisco Paiva do Nascimento. OFÍDIOS DA AMAZÔNIA XVIII - O GÊNERO *CHIRONIUS* FITZINGER, NA AMAZÔNIA ORIENTAL. (OPHIDIA: COLUBRIDAE). [SNAKES OF AMAZONIA. XVIII - THE GENUS *CHIRONIUS* FITZINGER, OF THE EASTERN AMAZON (OPHIDIA: COLUBRIDAE).] *Bol. Mus. Para. Emilio Goeldi Nova Ser. Zool.* No. 119. 17p. 18 Nov. 1982. In Portuguese with English summ. WR 193

84-006036 Rodrigues da Cunha, Osvaldo and Francisco Paiva do Nascimento. OFÍDIOS DA AMAZÔNIA. XX - AS ESPÉCIES DE *ATRACTUS* WAGLER, 1828. NA AMAZÔNIA ORIENTAL E MARANH#AO. (OPHIDIA,

REPTILES (CONTINUED)

84-006036 CONTINUED COLUBRIDAE). [SNAKES OF AMAZONIA. XX - THE SPECIES OF THE GENUS *ATRACTUS* WAGLER, 1828, OF THE EASTERN AMAZON AND STATE OF MARANHÃO, BRAZIL. (OPHIDIA, COLUBRIDAE).] *Bol. Mus. Para. Emilio Goeldi Nova Ser. Zool.* No. 123. 38p. 20 May 1983. In Portuguese with English summ. WR 193

84-006037 Rodrigues da Cunha, Osvaldo and Francisco Paiva do Nascimento. OFÍDIOS DA AMAZÔNIA. XIX - AS ESPÉCIES DE *OXYRHOPUS* WAGLER, COM UMA SUBESPÉCIE NOVA, E *PSEUDOBOA* SCHNEIDER, NA AMAZÔNIA ORIENTAL E MARANHÃO. (OPHIDIA: COLUBRIDAE). [SNAKES OF AMAZONIA. XIX - ON THE SPECIES OF *OXYRHOPUS* WAGLER, WITH A NEW SUBSPECIES, AND THE SPECIES OF *PSEUDOBOA* SCHNEIDER IN THE EASTERN AMAZON AND THE STATE OF MARANHÃO, BRAZIL (OPHIDIA: COLUBRIDAE).] *Bol. Mus. Para. Emilio Goeldi Nova Ser. Zool.* No. 122. 42p. 21 Jan. 1983. WR 193
Oxyrhopus melanogenys orientalis.

84-006038 Rosenberg, Martin J. 'TAIL THRASHING' IN A FLORIDA COTTONMOUTH, *AGKISTRODON PISCIVORUS CONANTI*. *North. Ohio Assoc. Herpetol. Notes* 10(4):13-14. 24 Jan. 1983. WR 193

84-006039 Saha, S. G. and A. K. Hati. A LONGITUDINAL STUDY ON SNAKEBITES IN A SUBSIDIARY HEALTH CENTRE IN WEST BENGAL. *Snake* 15(2):86-90. Dec. 1983. In English with Japanese summ. WR 193
[Raidighi Rural Hospital, West Bengal, India]

84-006040 Salzburg, Mark A. *ANOLIS SAGREI* AND *ANOLIS CRISTATELLUS* IN SOUTHERN FLORIDA: A CASE STUDY IN INTERSPECIFIC COMPETITION. *Ecology* 65(1):14-19. Feb. 1984. WR 193
[Dep. Biol., Univ. Miami, P.O. Box 24918, Coral Gables, FL 33124]

84-006041 Sampedro Marin, Alcides; Vicente Berovides Alvarez; Antonio Perera Puga and Pedro Lorente Diaz. DATOS MORFOMÉTRICOS Y ECOLÓGICOS DE *PSEUDEMYS DECUSSATA* (REPTILIA: CHELONIA) EN LA CIÉNAGA DE ZAPATA, CUBA. [MORPHOMETRIC AND ECOLOGICAL DATA ON *PSEUDEMYS DECUSSATA* (REPTILIA: CHELONIA) IN THE ZAPATA MARSH, CUBA.] *Rep. Invest. Inst. Zool. Acad. Cienc. Cuba* No. 8. 15p. Feb. 1983. In Spanish with English summ. WR 193
[Fac. Biol., Univ. Havana, Havana, Cuba]

84-006042 Sawai, Y. and Y. Kawamura. HABU (*TRIMERESURUS FLAVOVIRIDIS*) BITES ON THE AMAMI ISLANDS OF JAPAN IN 1978. *Snake* 15(2):75-80. Dec. 1983. In English with Japanese summ. WR 193
[Japan Snake Inst., Yabuzuka-honmachi, Nittagun, Gunma 379-23, Japan]

84-006043 Schall, Jos J. SMALL CLUTCH SIZE IN A TROPICAL WHIPTAIL LIZARD *(CNEMIDOPHORUS ARUBENSIS)*. *J. Herpetol.* 17(4):406-408. Dec. 1983. WR 193
[Dep. Zool., Univ. Vt., Burlington 05405]

84-006044 Schiemenz, Hans. ZUR ÖKOLOGIE UND BIONOMIE DER KREUZOTTER (*VIPERA B. BERUS* [L.]) ERGEBNISSE MEHRJÄHRIGER UNTERSUCHUNGEN AN UNTER FREILANDBEDINGUNGEN GEHALTENEN TIEREN. (TEIL II:

REPTILES (CONTINUED)

84-006044 CONTINUED ENTWICKLUNG DER JUNGTIERE VON DER GEBURT BIS ZUR GESCHLECHTSREIFE SOWIE ERGÄNZUNGEN ZU TEIL I: ADULTE TIERE) (REPTILIA, SERPENTES, VIPERIDAE). [CONTRIBUTION TOWARDS ECOLOGY AND BIONOMY OF THE COMMON VIPER (*VIPERA B. BERUS* [L.]) PART II: DEVELOPMENT OF THE YOUNG VIPERS FROM BIRTH UNTIL SEXUAL MATURITY AND SUPPLEMENT TO PART I.] *Zool. Abh. (Dres.)* 39(3):51-60. 1983. In German with English summ. WR 193
[Josef-Wagner-Str. 14, PF 719-89, 8122 Radebeul 1, East Germany]

84-006045 Schoener, Thomas W. and Amy Schoener. THE TIME TO EXTINCTION OF A COLONIZING PROPAGULE OF LIZARDS INCREASES WITH ISLAND AREA. *Nature* 302(5906):332-334. 24 Mar. 1983. WR 193
[Dep. Zool., Univ. Calif., Davis 95616] *Anolis sagrei* and *Leiocephalus punctatus* in the Bahama Islands.

84-006046 Scudder, Kent M.; Arnold L. Powers and Hobart M. Smith. COMPARISONS OF DESERT IGUANAS (*DIPSOSAURUS*) FROM CERRALVO ISLAND AND ADJACENT BAJA CALIFORNIA, MÉXICO. *Trans. Kans. Acad. Sci.* 86(1):149-153. 1983. WR 193
[DEPOB, Univ. Colo., Boulder 80309] *Dipsosaurus dorsalis lucasensis*.

84-006047 Semlitsch, Raymond D. and Gary B. Moran. ECOLOGY OF THE REDBELLY SNAKE (*STORERIA OCCIPITOMACULATA*) USING MESIC HABITATS IN SOUTH CAROLINA. *Am. Midl. Nat.* 111(1):33-40. Jan. 1984. WR 193
[Savannah River Ecol. Lab., P.O. Drawer E, Aiken, SC 29801]

84-006048 Seva, Eduardo; Eduardo Ferrandis and Antonio Escarré. LA SELECCIÓN DEL HÁBITAT DEL ARENAL COSTERO ALICANTINO POR *ACANTHODACTYLUS ERYTHRURUS* (SAURIA: LACERTIDAE). UN PROCESO MARKOVIANO PARA LA IDENTIFICACIÓN DE SUS TENDENCIAS. [HABITAT SELECTION IN A SANDY COASTAL ZONE BY *ACANTHODACTYLUS ERYTHRURUS* (SAURIA: LACERTIDAE). THE MARKOVIAN ANALYSIS FOR PROBABILITY IDENTIFICATION.] *Mediterranea* No. 6. p. 5-14. Dec. 1982. In Spanish with English summ. WR 193
[Dep. Biol., Fac. Ciencias, Univ. Alicante, Alicante, Spain]

84-006049 Shine, Richard. REPRODUCTIVE BIOLOGY AND FOOD HABITS OF THE AUSTRALIAN ELAPID SNAKES OF THE GENUS *CRYPTOPHIS*. *J. Herpetol.* 18(1):33-39. Mar. 1984. WR 193
[Zool. A08, Univ. Sydney, Sydney, New South Wales 2006, Australia]

84-006050 Simon, Carol A. MASTERS OF THE TONGUE FLICK. *Nat. Hist.* 91(9):58-67. Sept. 1982. WR 193

84-006051 Smith, Charles F. TREATMENT OF AN ABSCESS IN *BOA CONSTRICTOR*. *North. Ohio Assoc. Herpetol. Notes* 10(7):6. 27 Apr. 1983. WR 193

84-006052 Smith, Hobart M.; Michael J. Preston and Rozella B. Smith. THE SPECIFIC NAME OF THE GROUND SKINK OF NORTH AMERICA. *Bull. Md. Herpetol. Soc.* 19(4):100-104. Dec. 1983. WR 193
[DEPOB, Univ. Colo., Boulder 80309] *Scincella lateralis*.

REPTILES (CONTINUED)

84-006053 Smith, Kathleen K. THE USE OF THE TONGUE AND HYOID APPARATUS DURING FEEDING IN LIZARDS *(CTENOSAURA SIMILIS* AND *TUPINAMBIS NIGROPUNCTATUS). J. Zool. (Lond.)* 202(1):115-143. Jan. 1984. WR 193
[Dep. Anat., Duke Univ. Med. Cent., Durham, NC 27710]

84-006054 Smith, Steven A. and Warren J. Houck. THREE SPECIES OF SEA TURTLES COLLECTED FROM NORTHERN CALIFORNIA. *Calif. Fish Game* 70(1):60-62. Jan. 1984. WR 193
[Dep. Wildl. & Fish. Sci., Tex. A&M Univ., College Station 77843] *Chelonia mydas*, *Lepidochelys olivacea*, and *Dermochelys coriacea*.

84-006055 Snell, Howard L.; Heidi M. Snell and C. Richard Tracy. VARIATION AMONG POPULATIONS OF GALAPAGOS LAND IGUANAS (*CONOLOPHUS*): CONTRASTS OF PHYLOGENY AND ECOLOGY. *Biol. J. Linn. Soc.* 21(1-2):185-207. Jan.-Feb. 1984. WR 193
[Dep. Biol., Tex. Christian Univ., Fort Worth 76129] *C. pallidus* and *C. subcristatus*.

84-006056 Stamps, J. A. and K. Tollestrup. PROSPECTIVE RESOURCE DEFENSE IN A TERRITORIAL SPECIES. *Am. Nat.* 123(1):99-114. Jan. 1984. WR 193
[Dep. Zool., Univ. Calif., Davis 95616] *Anolis aeneus*.

84-006057 Stearns, Stephen C. THE EFFECTS OF SIZE AND PHYLOGENY ON PATTERNS OF COVARIATION IN THE LIFE HISTORY TRAITS OF LIZARDS AND SNAKES. *Am. Nat.* 123(1):56-72. Jan. 1984. WR 193
[Biol. Lab., Reed Coll., Portland, OR 97202]

84-006058 Storr, G. M. and R. E. Johnstone. SNAKES OF THE PERTH METROPOLITAN AREA. *SWANS (State Wildl. Authority News Serv.)* 13(2):20-24. 1983. WR 193

84-006059 Theakston, R. D. G. and H. A. Reid. DEVELOPMENT OF SIMPLE STANDARD ASSAY PROCEDURES FOR THE CHARACTERIZATION OF SNAKE VENOMS. *Bull. W.H.O.* 61(6):949-956. 1983. In English with French summ. WR 193

84-006060 Thomas, Robert A. and Jerry D. Johnson. *PHILODRYAS VARIUS* (JAN, 1863), A SENIOR SYNONYM OF *PHILODRYAS BORELLII* PERACCA (SERPENTES: COLUBRIDAE). *J. Herpetol.* 18(1):80-81. Mar. 1984. WR 193
[La. Nat. Cent., Inc., 11000 Lake Forest Blvd., New Orleans 70127]

84-006061 Toriba, M.; H. Moriguchi and K. Hashimoto. A CASE OF REPRODUCTION OF *RHABDOPHIS TIGRINUS* (BOIE). *Snake* 15(2):106-109. Dec. 1983. In English with Japanese summ. WR 193
[Japan Snake Inst., Yabuzuka-honmachi, Nitta-gun, Gunma 379-23, Japan]

84-006062 Troyer, Katherine. POSTHATCHING YOLK ENERGY IN A LIZARD: UTILIZATION PATTERN AND INTERCLUTCH VARIATION. *Oecologia (Berl.)* 58(3):340-344. June 1983. WR 193
[Mus. Vertebr. Zool., 2593 Life Sci. Bldg., Univ. Calif., Berkeley 94720] *Iguana iguana*.

84-006063 Troyer, Katherine. BEHAVIORAL ACQUISITION OF THE HINDGUT FERMENTATION SYSTEM BY HATCHLING *IGUANA IGUANA*. *Behav. Ecol. Sociobiol.* 14(3):189-193. 1984. WR 193
[Mus. Vertebr. Zool., 2593 Life Sci. Bldg., Univ. Calif., Berkeley 94720]

84-006064 Troyer, Katherine. STRUCTURE AND FUNCTION OF THE DIGESTIVE TRACT OF A HERBIVOROUS LIZARD *IGUANA IGUANA*. *Physiol. Zool.* 57(1):1-8. Jan./Feb. 1984. WR 193
[Mus. Vertebr. Zool., 2593 Life Sci. Bldg., Univ. Calif., Berkeley 94720]

84-006065 Vagvolgyi, Alice and Mimi Halpern. COURTSHIP BEHAVIOR IN GARTER SNAKES: EFFECTS OF ARTIFICIAL HIBERNATION. *Can. J. Zool.* 61(5):1171-1174. May 1983. In English with French summ. WR 193
[Dep. Anat. & Cell Biol., Downstate Med. Cent., State Univ. N.Y., Brooklyn 11203] *Thamnophis sirtalis parietalis*.

84-006066 Vitt, Laurie J. and Daniel G. Blackburn. REPRODUCTION IN THE LIZARD *MABUYA HEATHI* (SCINCIDAE): A COMMENTARY ON VIVIPARITY IN NEW WORLD *MABUYA*. *Can. J. Zool.* 61(12):2798-2806. Dec. 1983. In English with French summ. WR 193
[Biol. Dep., Univ. Calif., Los Angeles 90024]

84-006067 Vogel, P. and E. Curio. RESPONSE OF A PREDATOR TO HARMFUL AND SIMILAR HARMLESS PREY. *Verh. Dtsch. Zool. Ges.* 76:247. 1983. English abstract only. WR 193
[Arbeitsgruppe Verhaltensforsch., Abteilung Biol., Ruhr-Univ., Postfach 102148, D-4630 Bochum 1, West Germany] *Anolis lineatopus*.

84-006068 Wang Wanyu; Yang Changjiu; Xiong Yuliang and Chen Xilan. [STUDY ON THE VENOM OF *TRIMERESURUS MUCROSQUAMATUS* I. ISOLATION OF *T. MUCROSQUAMATUS* VENOM AND THE DETERMINATION OF ITS BIOLOGICAL AND ENZYMATIC ACTIVITIES.] *Zool. Res.* 4(4):327-332. 1983. In Chinese with English summ. WR 193
[Kunming Inst. Zool., Acad. Sinica, Kunming, China]

84-006069 Wang Xinmin and Qi Zhengwu. [CHARACTERIZATION OF THE KININ RELEASED BY KALLIKREIN I FROM SNAKE VENOM (*AGKISTRODON HALYS*).] *Zool. Res.* 4(4):321-326. 1983. In Chinese with English summ. WR 193
[Shanghai Inst. Biochem., Acad. Sinica, Shanghai, China]

84-006070 Webb, Grahame J. W.; S. Charlie Manolis and George C. Sack. *CROCODYLUS JOHNSTONI* AND *C. POROSUS* COEXISTING IN A TIDAL RIVER. *Aust. Wildl. Res.* 10(3):639-650. 1983. WR 193
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

84-006071 Webb, Grahame J. W.; Rik Buckworth and S. Charlie Manolis. *CROCODYLUS JOHNSTONI* IN THE McKINLAY RIVER, N.T. VI. NESTING BIOLOGY. *Aust. Wildl. Res.* 10(3):607-637. 1983. WR 193

REPTILES (CONTINUED)

84-006071 CONTINUED
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

84-006072 Webb, Grahame J. W.; Rik Buckworth; George C. Sack and S. Charlie Manolis. AN INTERIM METHOD FOR ESTIMATING THE AGE OF *CROCODYLUS POROSUS* EMBRYOS. *Aust. Wildl. Res.* 10(3):563-570. 1983. WR 193
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

84-006073 Webb, Grahame J. W.; George C. Sack; Rik Buckworth and S. Charlie Manolis. AN EXAMINATION OF *CROCODYLUS POROSUS* NESTS IN TWO NORTHERN AUSTRALIAN FRESHWATER SWAMPS, WITH AN ANALYSIS OF EMBRYO MORTALITY. *Aust. Wildl. Res.* 10(3):571-605. 1983. WR 193
[School Zool., Univ. New South Wales, P.O. Box 1, Kensington, New South Wales 2033, Australia]

84-006074 Webster, John. HIBERNATION OF THE SAND LIZARD (*LACERTA AGILIS*). *Br. Herpetol. Soc. Bull.* No. 8. p. 38. Dec. 1983. WR 193
[29 Send Barns Lane, Send, Surrey, England]

84-006075 Webster, John. LARGE *LACERTA AGILIS* DISCOVERED. *Br. Herpetol. Soc. Bull.* No. 8. p. 39. Dec. 1983. WR 193
[29 Send Barns Lane, Send, Surrey, England]

84-006076 Werner, Dagmar I. REPRODUCTION IN THE IGUANA *CONOLOPHUS SUBCRISTATUS* ON FERNANDINA ISLAND, GALAPAGOS: CLUTCH SIZE AND MIGRATION COSTS. *Am. Nat.* 121(6):757-775. June 1983. WR 193
[Lehrstuhl Tierphysiol., Univ. Bayreuth, Am Birkengut, 8580 Bayreuth, West Germany]

84-006077 Werner, Yehuda L. and Eliezer Frankenberg. HEAD TRIANGULATION IN TWO COLUBRINE SNAKES: PROBABLE BEHAVIOURAL REINFORCEMENT OF BATESIAN MIMICRY. *Isr. J. Zool.* 31(3-4):137-150. 1982. WR 193
[Dep. Zool., Hebrew Univ. Jerusalem, Jerusalem 91904, Israel]

84-006078 Wood, J. R.; F. E. Wood; K. H. Critchley; D. E. Wildt and M. Bush. LAPAROSCOPY OF THE GREEN SEA TURTLE, *CHELONIA MYDAS*. *Br. J. Herpetol.* 6(9):323-327. Dec. 1983. WR 193
[Cayman Turtle Farm, Ltd., Box 645, Grand Cayman, Cayman Islands, British West Indies]

84-006079 Woodward, A.; T. Hines; C. Abercrombie and C. Hope. SPACING PATTERNS IN ALLIGATOR NESTS. *J. Herpetol.* 18(1):8-12. Mar. 1984. WR 193
[Fla. Game & Fresh Water Fish Comm., Wildl. Res. Lab., 4005 S. Main St., Gainesville 32601] *Alligator mississippiensis* in Florida.

84-006080 Wright, S. Joseph; Robert Kimsey and Claudia J. Campbell. MORTALITY RATES OF INSULAR *ANOLIS* LIZARDS: A SYSTEMATIC EFFECT OF ISLAND AREA? *Am. Nat.* 123(1):134-142. Jan. 1984. WR 193

REPTILES (CONTINUED)

84-006080 CONTINUED
[Smithsonian Trop. Res. Inst., APDO 2072, Balboa, Panama] *A. limifrons* in Panama.

84-006081 Zouros, E. and Paul E. Hertz. ENZYME FUNCTION AND POLYMORPHISM: A TEST IN TWO *ANOLIS* LIZARD SPECIES. *Biochem. Genet.* 22(1/2):89-97. Feb. 1984. WR 193
[Dep. Biol., Dalhousie Univ., Halifax, Nova Scotia, Canada B3H 4J1] *A. roquet* and *A. gundlachi*.

AUTHOR INDEX

Abbott, D. P.
   84-004244
Abbott, I.
   84-004400
Abbott, Ian
   84-003076
   84-003325
Abbott, Jackson M.
   84-004812
   84-004928
Abd El-Gawwad, A. M.
   84-003602
Abdel Hafez, S.
   84-003675
Abdullah, Mohd. Tajuddin
   84-004204
Abe, Augusto S.
   84-005876
Abe, Shoichi
   84-004170
Abe, Yasuko
   84-005767
Abercrombie, C.
   84-006079
Abernethy, Robert K.
   84-003486
Abou-Madi, Noha
   84-004363
Abrams, Peter
   84-003195
Abrams, R. W.
   84-004761
   84-004762
   84-004777
Ackerman, Bruce B.
   84-003982
Actor, Ann T.
   84-004044
Acuna M., Rafael A.
   84-005877
Acuna, Ana Maria
   84-003815
Adam, Christopher I. G.
   84-004401
Adams, N. J.
   84-003338
   84-004491
Adams, Raymond J., Jr.
   84-004402
Adamson, Martin L.
   84-005878
Adegoke, A. S.
   84-005435
Adkisson, L. F.
   84-003369
Adler, Kraig
   84-005750

...CONTINUED...

Adler, Kraig
   84-005837
Aebischer, N. J.
   84-004587
Afik, Daniel
   84-005436
   84-005436
Afolayan, T. A.
   84-003285
Agapow, Lucjan
   84-004403
Aggleton, J. P.
   84-004245
Aggus, Larry R.
   84-003328
Ahlen, Ingemar
   84-003582
Ahlquist, Jon E.
   84-005633
   84-005634
   84-005635
Ajayi, S. S.
   84-003285
   84-003286
   84-004748
Aken, K. M.
   84-004324
Akester, J.
   84-005879
Akinboade, O. A.
   84-004746
Akinyemi, Joseph O.
   84-004629
Alatalo, Rauno V.
   84-005437
Albers, Peter H.
   84-004630
   84-004649
Alberto, Luis J.
   84-003400
Albon, S. D.
   84-004145
Albrecht, J. S. M.
   84-005438
Aldred, Don R.
   84-003990
Alexander, V.
   84-003326
Allain, D.
   84-003964
Allan, D. G.
   84-005066
Allan, G. G.
   84-004100
Allaway, James
   84-003327
Allen, Arthur W.
   84-003932

...CONTINUED...
Allen, Arthur W.
84-003933
Allen, Hollis H.
84-003328
Allen, J. A.
84-003471
Allen, P. M.
84-005880
Allgood, Velton C.
84-002992
Allsbrooks, Donald W.
84-003557
Alm, A. A.
84-003375
Alonso, Javier A.
84-004929
Alonso, Juan C.
84-004929
Alt, Gary L.
84-003909
Altieri, Richard
84-004115
Altig, Ronald
84-005768
Alvarez-Lopez, Humberto
84-005382
Ambrose, Dave
84-003287
Ames, Peter L.
84-004445
Amirat, Zaina
84-003765
Amr, Samir S.
84-005881
Amr, Zuhair S.
84-005881
Andelt, Susan H.
84-003856
Andelt, William F.
84-003245
84-003855
84-003856
Anderson-Bledsoe, Karen Lynn
84-003980
84-003981
Anderson, B. W.
84-004512
Anderson, David B.
84-003265
Anderson, David R.
84-004813
84-004824
Anderson, J. R.
84-004246
Anderson, James R.
84-004247
Anderson, John F.
84-004126
Anderson, John R.
84-004135
Anderson, Melvin
84-004139
Anderson, Roger A.
84-005972
Anderson, William H.
84-003007
Anderson, William L.
84-004631
84-004632
84-004633
84-004784
84-004785
84-004786
84-004801
84-004814
84-004815
84-004816
84-004908
Andersson, Ake
84-004930
Andersson, Malte
84-004539
Andrews, Peter
84-003465
Andrews, R. D.
84-005252
Andrews, Robin M.
84-005885
Andrews, S. M.
84-003510
Andrieu, Beatrice
84-004297
Andrieux, Michel
84-005383
Angermann, R.
84-003636
Angibault, J.-M.
84-004138
Ankney, C. Davison
84-004858
Anosa, V. O.
84-003766
84-003767
Ansell, Allan R.
84-005253
Antczak, Andrzej
84-003104
Anthony, Edythe L. P.
84-003583
Antijean, Ted
84-003329
Antonio, Frederick B.
84-005882
Antos, Joseph A.
84-003330

AUTHOR INDEX

Apanius, Victo.
84-005254
Apfelbaum, Liliana I.
84-003768
Applegate, James E.
84-003266
Applequist, Helge
84-004634
Appleton, C. C.
84-004747
84-004931
Apps, P. J.
84-003983
Arai, Kohei
84-003070
Arak, Anthony
84-003196
Arcese, Peter
84-005641
Ardila-Robayo, Maria Cristina
84-005769
Ardito, G.
84-004331
Arisawa, Hiroshi
84-005715
Arlott, Norman
84-005255
Armbruster, Judith Scherpelz
84-003331
Armbruster, Michael J.
84-005752
Armstrong, Edward
84-005256
Arndt, Thomas
84-005688
Arnold, E. N.
84-005883
Arnold, T. H.
84-003180
Arora, K. K.
84-003530
Arppe, Heikki
84-004932
Arredondo, Oscar
84-004248
Arthur, George C.
84-004898
Asami, Ryouhei
84-005439
Asay, K. H.
84-003288
Asbirk, Sten
84-004634
Asferg, Tommy
84-003270
Ash, Andrew N.
84-003008

...CONTINUED...
Ash, Andrew N.
84-003138
84-003139
84-004718
Ash, J. S.
84-004404
Ashby, K. R.
84-003934
Asher, James H.
84-003040
Ashman, Philip
84-004689
Aston, Helen I.
84-005440
84-005713
Atchley, William R.
84-003763
Atkeson, Thomas Donnally
84-004101
Atkins, Natasha
84-004979
Atkinson-Willes, G. L.
84-004798
Atkinson, Bill
84-004213
Atkinson, Carter T.
84-005673
Atkinson, T. A.
84-003182
Au, Whitlow W. L.
84-004013
Aubry, Keith B.
84-003857
August, Peter V.
84-003487
Aulerich, Richard J.
84-003512
Aulman, D. Lee
84-005308
Austin-Smith, Peter J.
84-005257
Austin, Dennis D.
84-003332
Autefage, A.
84-004387
Avakian, Alan
84-004933
Avdanin, V. O.
84-005182
Aveling, C.
84-004249
Aveling, Conrad
84-004250
Avery, G.
84-005183
Avery, Harold W.
84-005884

AUTHOR INDEX

Avery, Mark I.
84-005441
Avila, J. M.
84-005359
Ayeni, J. S. O.
84-004748
84-004749
Aziz, M.
84-005862
Babero, Bert B.
84-003769
Baccus, John T.
84-003488
Bachmann, M. D.
84-005822
Backhurst, G. C.
84-004588
Backus, E. H.
84-004779
Bacon, Bruce R.
84-003246
84-005526
Bagshaw, Clarence
84-004677
Bahr, Leonard M., Jr.
84-003105
Baidya, Kedar N.
84-003333
Bailey, James A.
84-004192
Bailey, Virleen
84-004934
Baillie, Stephen R.
84-004817
Bairlein, Franz
84-004589
Bajor, Boguslaw
84-004696
Baker-Gabb, D. J.
84-005258
84-005259
84-005260
Baker, A. J.
84-003637
Baker, Allan J.
84-004935
Baker, Ann E.
84-005443
Baker, G. T.
84-003790
Baker, Jerry L.
84-003981
Baker, Myron Charles
84-005443
Baker, O. E. III
84-004837
Baker, Valonna
84-005984
Bakker, Anne-Marie
84-005885
Balaz, Peter
84-005568
Balcer, J. P.
84-003693
Baldacchino, Alfred E.
84-005444
Baldassarre, Guy A.
84-003049
84-004818
Baldwin, J.
84-005221
Bale, Marsha
84-005254
Ballard, Warren B.
84-003858
84-003859
Ballast, L.
84-003505
Balzan, Saviour
84-005261
Banci, V.
84-003935
Banjie, Tan
84-003984
Bankier, A. M.
84-005636
Bankole, A.
84-005286
Banks, Chris B.
84-005886
Banks, Richard C.
84-004639
Bannaga, O. M.
84-004113
Bara, Cliff
84-003330
Baranauskas, K. S.
84-003481
Baranga, J.
84-003584
Barbosa C., Cesar E.
84-005700
Bard, C.
84-003625
Bardos, V.
84-003238
Barichello, Norman
84-004680
Baril, Steve F.
84-003719
Barker, I. K.
84-003930
Barker, James B.
84-005882
Barker, Joyce L.
84-003603

AUTHOR INDEX

Barker, S. G. E.
  84-004540
Barksdale, Timothy R.
  84-005262
Barlow, Jon C.
  84-005445
Barnard, C. J.
  84-005157
Barnes, Brian McRae
  84-003694
Barnes, David
  84-004380
Barquez, M.
  84-003585
Barquez, Ruben M.
  84-003586
  84-003771
Barrat, J.
  84-003910
Barrowclough, George F.
  84-004364
Barry, Ronald E., Jr.
  84-003772
Barry, T. W.
  84-004910
Bartels, Robert F.
  84-004365
Bartholomew, George A.
  84-005843
Bartlett, R. D.
  84-005770
  84-005887
  84-005888
  84-005889
Bartmann, R. M.
  84-004102
Bartmann, Richard M.
  84-004103
Bartz, M.
  84-003388
Baskett, Thomas S.
  84-005752
Baskin, G. B.
  84-004251
Bass, Oron L., Jr.
  84-003143
Bastian, Hans-Valentin
  84-005662
Batcheller, Gordon R.
  84-005384
Bateman, Peter L. G.
  84-003536
Bates, Patricia A.
  84-003334
Batzli, George O.
  84-003813
  84-003814
Baudoin, C.
  84-003069
Bauer, Cheryl A.
  84-004635
Bauermeister, Rolf
  84-004227
Baum, M. J.
  84-004252
Baumgardner, G. D.
  84-003558
Baumgart, Wolfgang
  84-005263
Baumgarten, Ludwig
  84-004887
Bawa, K. S.
  84-005745
Bayer, M. B.
  84-004231
Bayer, Max
  84-004212
Bayer, Range D.
  84-004405
  84-004936
Bayley, Suzanne E.
  84-003105
Bazzini, Maria D.
  84-004014
Beadman, J.
  84-005484
Beare, Stephen
  84-003773
Beasley, Laura J.
  84-003587
  84-003588
Beatson, N. S.
  84-004174
Beatty, Dorothy
  84-006031
Beaumont, A.
  84-005862
Beaver, Donald L.
  84-003040
Bech, C.
  84-004951
Bechtel, Elizabeth R.
  84-005890
Beck, Cathy A.
  84-004016
Beck, Peter
  84-004589
Beck, T. D. I.
  84-003918
Bedard, Jean
  84-005442
Bedggood, George W.
  84-005446
Bee de Speroni, Noemi
  84-005891

AUTHOR INDEX

Beebee, Trevor J. C.
  84-005771
Beecroft, R.
  84-004406
Beehler, Bruce
  84-005447
Beehler, Bruce A.
  84-004343
Begg, R. J.
  84-003485
Behnke, Steven R.
  84-003284
Behrstock, Robert A.
  84-004937
Beintema, A. J.
  84-004938
Bekele, Afework
  84-003761
Belden, Robert C.
  84-003990
Beletsky, L. David
  84-005385
Bell, Gary Philip
  84-003589
Bell, H. L.
  84-004407
  84-004408
  84-004590
Belousov, L. V.
  84-005874
Belser, Carroll G.
  84-005448
  84-005449
Benazzou, Touria
  84-003774
Bendell, James F.
  84-004718
Benes, Elinor S.
  84-005892
Bengtson, Sven-Axel
  84-004409
  84-004939
Bengtsson, Bengt Olle
  84-003560
Benko, Jozef
  84-003106
Bennett, Albert F.
  84-003695
Bennett, G. F.
  84-005323
Bennett, Simon
  84-005450
Bennington, S. L.
  84-005247
Benson, Kimberly B.
  84-003412
Bentz, Per-Goran
  84-005451
Benz, Carl
  84-003936
Benzal, J.
  84-003770
Bercovitch, Fred B.
  84-004253
Berducou, C.
  84-003910
Beregovoy, Vladimir H.
  84-003077
Berger, Joel
  84-004193
Berger, Robert H.
  84-003250
Bergeron, Jean-Marie
  84-003725
Bergerud, A. T.
  84-004137
Bergmann, Hans-Heiner
  84-005452
Bergstrom, Pamela K.
  84-003872
Bergstrom, Peter W.
  84-004940
Berlin, Brent
  84-003497
Berlin, Elois Ann
  84-003497
Berman, Susan L.
  84-005689
Berovides Alvarez, Vicente
  84-006041
Berruti, A.
  84-005184
Berry, Licia M.
  84-003780
Berry, R. J.
  84-003029
  84-003078
Berthold, Peter
  84-004591
Besser, Jerome F.
  84-005400
Best, Louis B.
  84-005624
Best, Troy L.
  84-005893
Betton, G. R.
  84-004254
Bevins, Collin D.
  84-003335
Beyersbergen, Gerard W.
  84-003444
Bibby, Colin J.
  84-005453
Bibikov, D. I.
  84-003860

...CONTINUED...
Bibikov, D. I.
84-003861
Bicak, Thomas K.
84-004941
Bickham, J. W.
84-005936
84-005993
Bideau, E.
84-004138
Biebach, Herbert
84-005386
Bigalke, R. C.
84-004223
Bigatti, P.
84-004331
Bihari, Joyce A.
84-003271
Bijlsma, Rob G.
84-005264
Bilcke, Geert
84-005372
Bildstein, Keith L.
84-004104
Billett, Terry
84-005340
Billings, Dave
84-005772
Bingman, Verner P.
84-005454
Binkley, Clark S.
84-004942
Birchard, Geoffrey F.
84-005894
84-005895
Bird, D. M.
84-005323
Bird, David M.
84-005265
84-005266
84-005349
Bird, James E.
84-005690
Bird, Joan Ruth
84-005455
Bird, Mary Dickinson
84-005690
Birkhead, T. R.
84-004943
84-004944
Birks, J. D. S.
84-003943
Bischof, Hans-Joachim
84-005456
Bischoff, Wolfgang
84-005970
Bishop, G. F.
84-003638
Bissinger, Barbara Ellis
84-005896
Bissonette, John A.
84-005384
Bjarvall, A.
84-003862
Bjorge, Arne
84-004015
Bjorklund, Eric
84-005692
Bjorklund, Eric R.
84-005691
Bjorklund, Richard
84-005692
Bjorklund, Richard G.
84-005691
Bjornsson, Halfdan
84-005267
Bjugstad, Ardell J.
84-003696
Black, Andrew
84-005387
Black, Craig P.
84-005894
84-005895
Black, D.
84-003232
Black, Virginia
84-005894
84-005895
Blackburn, A.
84-005457
Blackburn, Daniel G.
84-006066
Blackwood, J. G. V.
84-005294
Blackwood, V.
84-004899
Blaesing, Mark E.
84-005773
Blair, D.
84-005897
Blake, Barbara H.
84-003697
Blake, Edwin
84-005898
Blanco, Antonio
84-003768
Blandin, Warren W.
84-004828
Blank, M. S.
84-004348
Blaskiewicz, Raymond W.
84-003719
Blaustein, Andrew R.
84-005774
Bleavins, Michael R.
84-003512

Bleavins, Michael Raymond
84-003511
Bleich, Vernon C.
84-004106
Bleiweiss, Robert
84-005693
Blem, Charles R.
84-004541
84-005899
Bloch, Buchardt
84-004800
Bloch, Dorete
84-004409
Blokpoel, Hans
84-004945
Bloomfield, P.
84-005710
Blumm, Michael C.
84-003289
Blus, Lawrence J.
84-004648
Bo, Charles E.
84-003380
Bo, Terje
84-004717
Board, R. G.
84-004793
Boardman, Thomas J.
84-006014
Bober, Christiane M.
84-003239
Bock, Carl E.
84-005611
Bock, Jurgen
84-005738
Body, Denis R.
84-005694
Boehm, E. F.
84-005458
Boere, Gerard
84-004946
Boersma, Dora
84-004947
84-004997
Boever, W. J.
84-004354
Bogdanowicz, Wieslaw
84-003590
84-003591
Bogsch, Ilma
84-004194
Bohlen, H. David
84-005459
Boissin, J.
84-003575
Boissin, Jean
84-003965
Boitani, L.
84-003863
Boitani, Luigi
84-003864
84-003865
Bol'shakov, V. N.
84-003795
Bolduc, Don
84-004410
Bolen, Eric G.
84-004818
Boles, W. E.
84-005565
Boles, Walter E.
84-005460
Bollinger, Eric K.
84-004681
Bollinger, K. S.
84-003739
Bolster, David C.
84-005268
Bona, Franco V.
84-004948
Bonde, Robert K.
84-004016
Bondrup-Nielsen, S.
84-005269
Bondrup-Nielsen, Soren
84-003041
Bonkoski, Jerry
84-004949
Bonnemaison, P.
84-004387
Bonner, W. Nigel
84-004017
Bonnin, J. M.
84-004764
Bonwell, William R.
84-004105
Boomker, J.
84-004086
84-004195
Borecky, Stephen R.
84-005597
Bornhauser, Christoph
84-005900
Borowiec, Marta
84-004787
Borrett, R. P.
84-005188
Bortolotti, Gary R.
84-005270
Bosakowski, Thomas
84-003079
Boscagli, G.
84-003915
Boschung, Herbert T., Jr.
84-004018

AUTHOR INDEX

Boshe, J. I.
84-004196
Boshoff, A. F.
84-005271
84-005272
Boswall, Jeffery
84-004549
84-004550
Botje, Marina A.
84-003772
Bottjer, Peter Diedrich
84-004819
Bottomley, G.
84-003991
Bouffard, Stephen H.
84-004820
Bour, Roger
84-005901
Bourne, Godfrey Roderick
84-005273
Bourne, W. R. P.
84-004592
84-005185
84-005422
Boutin, Stanley Albert
84-003639
Bowles, J. B.
84-003493
Bowman, Dwight D.
84-005902
Bowyer, R. Terry
84-004106
Boxall, Peter C.
84-005461
Boyd, H.
84-004829
Boyd, John Morton
84-003107
84-003303
Brack, Virgil, Jr.
84-003592
Bradbury, R. H.
84-003336
Braddon, S. A.
84-005903
Bradley, W. Glen
84-003370
Brady, Barry G.
84-005192
Brady, James R.
84-003917
Braker, H. Elizabeth
84-005303
Brand, D. J.
84-003985
Brandner, Robert L.
84-005904
Brane, Douglas
84-006031
Braun, Clait E.
84-004752
Braun, David
84-005462
Braun, M. J.
84-005462
Bray, Olin E.
84-005400
Brazil, Mark
84-004950
Breek, C. J.
84-005463
Breitenbach, Gary L.
84-005905
Brennan, Kym
84-005464
Brenowitz, Eliot A.
84-005388
Brent, R.
84-004951
Brereton, John Le Gay
84-005748
Bresinski, Wojciech
84-003640
Breuer, William J.
84-005802
Brickell, Neville
84-005465
Brickhill, J. G.
84-004821
Briggs, John M.
84-003641
Briggs, Kenneth T.
84-005186
Briggs, S. V.
84-004821
Brink, K. L.
84-005227
Brinkley, Edward S.
84-004952
Brinkman, Jan Jaap
84-005466
Brisbin, I. Lehr, Jr.
84-004107
84-004822
Brisse, Patrick
84-004823
Britten, Michael W.
84-005467
Brode, John M.
84-003005
Brodie, Edmund D., Jr.
84-005775
Brody, Allan J.
84-003929

Broekhuizen, S.
84-003642
Brokaw, Nicholas V. L.
84-005070
Broni, S. C.
84-005187
Brooke, R. K.
84-004411
84-004777
84-005188
84-005189
84-005196
84-005198
84-005272
Brookes, A.
84-003337
Brooks, John III
84-004139
Brooks, Ronald J.
84-005953
Broome, L. S.
84-004763
Broughton, Robert E.
84-005776
Brown, A. E.
84-005433
Brown, B. K.
84-004821
Brown, Bevan
84-003554
Brown, C. R.
84-003338
84-004491
Brown, Charles R.
84-005468
Brown, Christopher R.
84-005190
Brown, E. R.
84-005389
Brown, Gerald Leslie
84-005777
Brown, J. L.
84-005389
Brown, John
84-004412
Brown, M.
84-004413
Brown, Ray W.
84-003010
Brown, Robert D.
84-004109
Brown, W. K.
84-003371
Brown, W. R.
84-004019
Bruce, D. G.
84-005191
Bruce, Robert
84-004108
Brucker, Mark W.
84-003077
Brudieux, Roger
84-003765
Bruijns, M. F. Morzer
84-003272
Brun, Rudolf B.
84-005778
Bruner, Phillip L.
84-004953
Bruno, Bartholomew B. (Bart)
84-005906
Bruns, V.
84-003505
Bruss, Michael L.
84-003872
Bryan, Allen
84-005200
Bryant, D. M.
84-004542
Bryant, Edwin H.
84-003056
Bryson, William
84-004954
Brzoska, Josef
84-005779
Buckner, John
84-003339
Buckworth, Rik
84-006071
84-006072
84-006073
Buggs, Andy
84-005469
Buhl, Kristin
84-005390
Buhr, R.
84-004020
Buie, David E.
84-003986
Buitron, Deborah
84-005391
Bull, Evelyn L.
84-004414
Bull, K. R.
84-004636
84-004659
Bullock, David
84-003080
Bulog, Boris
84-005813
Bunck, Christine M.
84-003513
Bundy, Graham
84-004955

Bunick, Christine M.
84-004648
Bunn, Richard
84-004415
84-004423
Bunnell, Fred L.
84-003030
Bunnell, H. Timothy
84-004555
Bunni, Munir K.
84-004956
Burbidge, Andrew A.
84-004957
Burdick, J. R.
84-005907
Burger, J.
84-004416
Burger, Joanna
84-004551
84-004682
84-004958
84-004959
Burkovsky, Julius
84-003108
Burney, David A.
84-003987
Burnham, Kenneth P.
84-004813
84-004824
Burns, G. S.
84-003009
Burns, P. Y.
84-003014
Burns, T. L.
84-004417
Burt, R. J.
84-003891
Burton, J. F.
84-004552
Burton, Jean
84-005232
Burtt, Edward H., Jr.
84-004960
84-005470
Busack, Stephen D.
84-005908
Bush, M.
84-004003
84-006078
Busher, P. E.
84-003740
Buskirk, James R.
84-005909
84-005910
84-005911
84-005912
Buskirk, Steven William
84-003937
Busse, Przemyslaw
84-004418
84-004593
84-004594
Bustard, H. R.
84-005920
Butler, P. J.
84-004885
Butler, Ronald G.
84-004668
Butterfield, J.
84-004969
Butynski, T. M.
84-003775
Buxton, D.
84-004713
Buxton, N. E.
84-004961
Buxton, Nigel
84-005002
Byelich, John
84-005616
Byers, R. E.
84-003226
84-005328
Byington, E. K.
84-003003
Byrd, G. Vernon
84-005192
84-005231
Byrkjedal, Ingvar
84-004962
Byrne, Sheila
84-004625
Cabanac, M.
84-005913
Cabello, Carlos
84-003938
Cabrera, Mario R.
84-005891
Cadena G., Alberto
84-003618
Cadle, John E.
84-005914
84-005915
Caffrey, B. B.
84-005903
Caillol, M.
84-003643
Cain, J. R.
84-004725
Cairns, David K.
84-005203
Calcagno, F., Jr.
84-003340
84-003341
84-003456

...CONTINUED...
Calcagno, F., Jr.
84-003458
Caldecott, Julian
84-004255
Caldwell, David K.
84-004018
Caldwell, J. F.
84-004140
Caldwell, Melba C.
84-004018
California University
84-003210
Call, Mayo W.
84-003042
Callaghan, E.
84-005471
Callahan, Ramon L.
84-003096
Callis, Gayle
84-004116
Camacho, I.
84-005359
Camarra, J. J.
84-003911
Cameron Raymond D.
84-003440
Cameron, Guy N.
84-003807
84-003849
Cameron, R. D.
84-003459
Cameron, Raymond D.
84-003460
Campbell, Claudia J.
84-006080
Campbell, Eugene
84-004108
Campbell, Jonathan A.
84-005916
Campbell, L. H.
84-004825
84-004915
Campbell, Rob
84-004419
Campeny, Roser
84-005838
Camper, J. D.
84-005780
84-005781
Camphuysen, Kees (C. J.)
84-004420
Campos Ramirez, Rafael Gmo.
84-005472
Canadian Wildlife Service
84-003290
Canfield, P. J.
84-003542
Cannell, Peter F.
84-005473
Cannon, Richard W.
84-004697
Cantrill, R. C.
84-003593
Capranica, R. R.
84-005782
Caputa, Alojz
84-003291
Carbyn, L. N.
84-003866
84-003988
Carey, D.
84-004778
Cargol, Lawrence H.
84-004035
Carlen, Thomas
84-005474
Carlile, D. W.
84-003211
Carls, E. Glenn
84-003109
Carlson, Allan
84-005437
Carlson, C. L.
84-003437
Carlson, Jack
84-003300
Carlson, Steven Jon
84-005392
Carnes, Bruce A.
84-003807
Carney, Samuel M.
84-004788
Carothers, Steven W.
84-003342
Carpenter, David E.
84-003343
Carrel, James E.
84-005475
Carrier, Mike
84-005086
Carroll, Gerald F.
84-004021
Carruthers, Dan R.
84-004141
Cartar, Ralph V.
84-004963
Carter, C.
84-005695
Carter, Janis
84-004247
Carter, Michael
84-005193
Case, Ronald M.
84-003776

AUTHOR INDEX

Case, Ted J.
  84-005917
Casement, M. B.
  84-004366
  84-004367
Caslick, James W.
  84-004681
Casson, John E.
  84-003939
Castrale, John S.
  84-005274
  84-005373
Castro, A. E.
  84-004197
Catchpole, Clive K.
  84-005476
Cates, W. F.
  84-004156
Cathcart, A.
  84-004174
Catley, Graham P.
  84-004964
Catling, P. C.
  84-003891
Cattan, Pedro E.
  84-003769
Caughly, Graeme
  84-003554
Cavanaugh, Kathleen Patricia
  84-004637
Cawthorn, R. J.
  84-004161
  84-004790
Cazieux, A.
  84-004387
Ceballos Benito, Julio Jose
  84-003081
Ceballos Vazquez, B.
  84-004797
Cederlund, Goran
  84-004142
Cei, Jose M.
  84-005783
Censky, Ellen J.
  84-005995
Cerda, Julio
  84-003649
Cervone, Thomas Henry
  84-005918
Cevese, A.
  84-005919
Chaffee, R. R. J.
  84-003693
Chakraborty, P. K.
  84-004003
Chambers, J. C.
  84-003344
Chambers, Jeanne C.
  84-003010
Chambers, Robert E.
  84-003892
Chandler, F. W.
  84-004251
Chandler, John P.
  84-004826
  84-004827
Chanin, Paul
  84-003940
Chao, Chun Chin
  84-004109
Chaouacha-Chekir, R. Ben
  84-003777
Chapdelaine, G.
  84-005004
Chapel, Robert
  84-005477
Chaplin, Tom
  84-003110
Chapman, D. I.
  84-004140
  84-004143
Chapman, J. A.
  84-003644
  84-003647
Chapman, J. M.
  84-004421
Chapman, Joseph A.
  84-003745
  84-003876
Chapman, Norma
  84-004140
Chapman, Norma G.
  84-004143
Chapman, Richard C.
  84-003482
Chapman, S. E.
  84-004422
Chapman, Stephen E.
  84-005194
Chappell, W. Adrian
  84-004126
Charlton, H. M.
  84-003778
Chartier, A.
  84-003779
Chase, Charles III
  84-004423
Chasko, Gregory G.
  84-004638
Cheke, Anthony S.
  84-005478
Chen Xilan
  84-006068
Chen Yuchu
  84-004256

AUTHOR INDEX

Cheniti, T.
84-003777
Cheprakov, M. I.
84-003796
Cherry, Jeffrey D.
84-005473
Chevalier, M.
84-003707
Cheyne, J.
84-003087
Chiappa, S. A.
84-003778
Child, Peter
84-004965
Child, R. D.
84-003003
Childers, Robert A.
84-004144
Chiodini, Rodrick J.
84-004110
Choate, Jerry R.
84-003466
84-003846
Choudhury, Anwar Uddin
84-003111
Chow, William
84-004960
Chowdhury, Sushant
84-005920
Christen, Walter
84-004424
Christian, Keith A.
84-005921
Christiansen, J. L.
84-005751
84-005762
84-005780
Cintron, Barbara B.
84-003212
Cintron, Gilberto
84-003112
84-003113
84-003212
Civco, D. L.
84-003128
Civil Aviation Authority
84-004683
Clack, Lindsay Frederick
84-004425
Clancy, G. P.
84-005728
Clapp, G. E.
84-004426
84-004553
84-005479
Clapp, Roger B.
84-004639
Claridge, J. C. R.
84-005480
Clark, Christopher
84-004555
Clark, Donald R., Jr.
84-003513
84-003514
Clark, Jacquie
84-004966
Clark, Nancy B.
84-005844
Clark, Nigel
84-004966
Clark, R. B.
84-004640
Clark, Robert G.
84-005265
84-005430
Clark, Tim W.
84-003941
Clark, William R.
84-003692
Clark, William S.
84-005275
Clarke, B. T.
84-005784
Clarke, Michael F.
84-005481
Clarke, R. T.
84-005007
Clary, Raimond F., Jr.
84-003292
Clausager, Ib
84-003267
84-004641
Clavera Aner, A.
84-004797
Claveria, Amparo Leon
84-005159
Clawson, Mary E.
84-005752
Clayton, Bruce D.
84-003367
Clements, F. A.
84-005638
Clench, Mary H.
84-005597
Clendenen, David A.
84-005308
Cleveland, Arthur G.
84-003488
Close, D. H.
84-004764
Close, David
84-004427
Close, Elizabeth
84-004427

Clover, Gordon
84-005420
Cluff, Greg J.
84-003430
Clugston, D. L.
84-004967
Clutton-Brock, T. H.
84-003189
84-004145
Clutton-Brock, Tim
84-004146
Coates-Estrada, Rosamond
84-004265
Cochran, S. L.
84-005754
Cochran, William W.
84-003482
Cohen, John
84-005276
Cohen, Yosef
84-004111
Cole, Charles J.
84-005937
Cole, Glen F.
84-004147
Coleman, Tim
84-004888
Collar, N. J.
84-005040
Colling, A. W.
84-005310
Collins, B. G.
84-005482
Collins, Brian G.
84-005483
Collins, D. C.
84-004348
Collins, Delwood C.
84-004310
Collins, E.
84-003213
Collins, J. T.
84-005922
Collins, Patricia
84-003543
Collyer, A. A.
84-005484
Colmenares, F.
84-003912
84-003913
Colston, P. R.
84-005485
Conde, Louis F.
84-003445
Condit, Richard S.
84-004585
Congalton, R. G.
84-003043
Congdon, Justin D.
84-005905
Conlogue, G. C.
84-004112
Connell, D. J.
84-004764
Conner, Douglas Allison
84-003645
Connery, C. L.
84-003186
Connor, Edward F.
84-003082
Connors, Peter G.
84-004968
Conover, Micahel R.
84-004684
Conrad, C. E.
84-003022
Conroy, J. W. H.
84-003954
Conroy, Michael J.
84-004828
Consiglieri, Lewis
84-004044
Contrera, M. G. D.
84-005923
Contreras, Julio Rafael
84-003780
Contreras, S.
84-005839
Cooch, F. G.
84-004829
Cooke, A. S.
84-004636
Cooke, F.
84-004890
84-005009
Cooke, Fred
84-004876
84-004900
Cooke, J. A.
84-003510
Cooley, J. L.
84-003345
Cooley, James L.
84-003225
Cooper, J.
84-003083
84-005195
84-005196
84-005198
84-005239
84-005250
Cooper, K.
84-004663
Cooper, Madeline
84-004578

Cooper, Robert J.
84-005696
Cooper, S.
84-003025
Cooper, Suzanne Todd
84-003178
Cooper, William E.
84-005924
Copeland, C.
84-003177
Corbet, G. B.
84-003646
Corbett, L. K.
84-003891
Cordonnier, P.
84-005197
Cork, S. J.
84-003544
Cornell, Lanny H.
84-004029
Corral, Michael G.
84-005385
Corredor E., Vladimir
84-005925
Corrin, K. C.
84-004149
Cortassa, Rita
84-005828
Costa, J. R. V.
84-005923
Costanza, Robert
84-003105
Costanzo, G. R.
84-004830
Coston-Clements, Linda
84-003346
Cothran, E. Gus
84-003698
Coulson, J. C.
84-004969
84-005012
Courcelles, R.
84-003741
Courtney, John
84-005697
Courtney, Mark William
84-003781
Couvillion, C. E.
84-004113
Cowan, W. M.
84-004337
Cox, G. W.
84-003490
Cox, George W.
84-003676
Cox, Paul Alan
84-003594
Cox, T. M.
84-005926
Cox, Terry
84-005927
Crabtree, Claude B.
84-005928
Craft, Billy R.
84-003114
Craig, A. J. F. K.
84-005374
Craig, John L.
84-004970
Crane, M. F.
84-003347
Cranfield, M. R.
84-003930
Craven, Scott R.
84-004889
Crawford, H. S.
84-004368
Crawford, Patricia A.
84-005674
Crawford, R. J. M.
84-005196
84-005198
84-005239
Craycraft, Mary Jo
84-004561
Crespo, E. G.
84-005785
84-005786
84-005787
84-005788
Crestana, Rosa H.
84-006030
Crews, David
84-005929
84-005960
Crim, Joe William
84-005789
Critchley, K. H.
84-006078
Croll, Donald A.
84-005186
Cromartie, Eugene
84-003513
Cross, S. P.
84-003617
Crouch, G. L.
84-003348
84-003782
84-004114
Crouch, Glenn L.
84-003349
Crouch, Lewis C.
84-004198
Crovetto, Angel
84-004022

Crowell, D.
84-006013
Crowell, Kenneth L.
84-003783
Crowley, Shawn R.
84-005930
Crozier, Ross H.
84-003470
Crumly, Charles R.
84-005931
Crump, Douglas
84-004115
Crump, Martha L.
84-005790
Cruz, Maximo Liberman
84-003350
Cuellar, Orlando
84-005932
Cullen, J. M.
84-005234
84-005235
84-005681
Cunningham, Michael A.
84-005443
Cunnison, Kimberly M.
84-003836
Curatolo, Jim
84-003351
Curio, E.
84-005551
84-006067
Currall, J. E. P.
84-003387
Currie, A.
84-004510
Curry, Ed
84-005486
Curry, Martha
84-005486
Curtis, Paul D.
84-004752
Custer, Thomas W.
84-004642
84-004643
Cutler, M. Rupert
84-003293
D'Agincourt, Lorraine G.
84-005393
Da Graca Ramalhinho, Maria
84-003784
Da Luz Madureira, Maria
84-003784
84-003785
Da Silva, Espedito Cordeiro, Jr.
84-004307
Dahlgren, R. B.
84-004417
Dahlsten, Donald L.
84-005516
Daiber, F. C.
84-003214
Daisley, David
84-003068
Dale, John E.
84-004428
Daly, James J.
84-005997
Daniel, Paul M.
84-005753
Danilov, N. N.
84-004369
Danilov, P. I.
84-003742
84-003914
Dannenberg, Robert
84-005199
Darevsky, I. S.
84-005933
Darola, Jan
84-003291
Das, B. C.
84-004148
Dash, Ashok K.
84-004353
Dathe, Heinrich
84-003044
Dathe, Rosemarie
84-004257
Dau, James R.
84-003858
Davenport, J.
84-005934
David, J. H. M.
84-003489
Davidson, N. C.
84-004971
Davies, J. Chris
84-004890
Davies, J. N.
84-005582
Davies, N. B.
84-005487
Davis, D. H.
84-004793
Davis, Ernie
84-004208
Davis, James L.
84-003352
84-003448
Davis, M. Benjamin
84-004056
Davis, Randall W.
84-004023
Davis, Richard J.
84-004595

Davis, Ricky
84-005200
Davis, William B.
84-003620
Davis, William F.
84-003353
Davison, G. W. H.
84-004733
Davy, A. J.
84-003638
Dawson, F. H.
84-003337
Dawson, S. M.
84-005488
Dawson, T. J.
84-003544
84-005698
Dawson, Terence J.
84-005707
Dawson, William W.
84-004024
Day, John W., Jr.
84-003105
Day, Jonathan F.
84-004981
Day, Robin T.
84-003179
Dayton, Arthur D.
84-005376
Dazza, Marie-Christine
84-004297
De Angulo, Fernandez
84-003085
De Aquino, L. C. S.
84-003024
de Bruijn, L. L. M.
84-004972
De Juana, Eduardo
84-004973
de Kretser, D. M.
84-003762
de la Cruz, Jorge
84-003786
de la Pena, Martin R.
84-005489
De Lamo, Daniel
84-004200
De Lamo, Daniel A.
84-004199
de Lisle, G. W.
84-004149
De Naurois, R.
84-005000
De Naurois, Rene
84-004429
84-005490
de Roever, J. W. (Jowi)
84-005364
...CONTINUED...
de Roever, J. W. (Jowi)
84-005666
de Roos, Gerlof Th.
84-004765
de Ruiter, Elze
84-003526
de S. Disney, H. J.
84-005000
De Santis, Luciano J. M.
84-005277
de Silva, Anslem
84-005935
de Tarso Zuquin Antas, Paulo
84-004974
De Vos, V.
84-004086
84-004195
De Vree, Frits
84-003599
de Wijs, Rombout
84-005491
de Winter, B.
84-003180
De, S. S.
84-003031
Deag, John M.
84-004258
Dean, A. R.
84-005492
Dean, R. H.
84-005936
Dean, W. R. J.
84-005278
DeAngelis, D. L.
84-003045
DeBenedetti, Steven H.
84-003354
Debrot, Sylvain
84-003967
Debry, Ron W.
84-003567
Debus, Stephen J. S.
84-005279
Debussche, M.
84-005493
Decker, Tony
84-004975
Defler, Thomas R.
84-004259
Degani, G.
84-005791
84-005792
Degani, Gad
84-005793
Degen, A. Allan
84-004721
84-004734

AUTHOR INDEX

DeGraaf, Richard M.
   84-003294
Degtyar', V. G.
   84-003677
DeJong, Michael J.
   84-004554
Dekker, Dick
   84-003867
   84-004430
del Campo, J. C.
   84-004698
Delattre, P.
   84-003531
DeLaune, R. D.
   84-003233
Delibes, M.
   84-003942
Delong, Robert L.
   84-004044
DeMaster, Douglas P.
   84-004072
   84-004074
DeMort, Carole
   84-003824
Dennis, Roy H.
   84-004976
Der Goukassian, Ph.
   84-004260
Derby, J. A.
   84-003022
DeRoos, Roger
   84-005776
Dessauer, Herbert C.
   84-005937
Detlaf, T. A.
   84-003506
Devine, J. E.
   84-004354
Di Matteo, L.
   84-005841
Di Meglio, M.
   84-005841
Diamond, Jared M.
   84-004431
   84-004432
Diaz-Caneja, Jaime Martino
   84-003085
Dick, J. A.
   84-004465
Dick, T. A.
   84-003239
Dickens, R. K.
   84-003542
Dickson, J. G.
   84-003324
Dickson, J. M.
   84-003480
Dienberg, G.
   84-006013
Dierauf, L. A.
   84-004025
Dieringer, N.
   84-005754
Dierker, William W.
   84-004596
Dieter, Franz
   84-005155
Dieterich, John H.
   84-003355
DiGiovanni, Marianne
   84-005775
Dilger F., R.
   84-003115
Dimmick, Ralph W.
   84-005128
Dinsmore, J. J.
   84-004413
Dinsmore, James J.
   84-004626
   84-005280
Dippenaar, N. J.
   84-003663
Dittami, John Philip
   84-004891
Dittberner, Hartmut
   84-005494
Dittberner, Winfred
   84-005494
Ditto, Larry R.
   84-005281
Dittrich, Lothar
   84-004026
Divoky, George J.
   84-004691
Dixit, Anand S.
   84-005660
Dixon, K. R.
   84-003644
   84-003647
Dmitrieva, L. P.
   84-005547
Doboszynska, T.
   84-003743
Doerr-Schott, Jeannine
   84-005794
Doerr, Phillip D.
   84-005963
Dolan, Robert
   84-003342
Dolling, H. D.
   84-003385
Dolman, Teresa M.
   84-003699
   84-003700

Dooling, Robert J.
84-004555
Dorig-Schwarzenbach, Annemarie
84-004325
Dornberger, Wolfgang
84-004735
Dorsch, Harald
84-005495
Dorward, D. F.
84-005681
Dos Santos, J. R.
84-003024
84-003365
Dotson, J. F.
84-004197
Dougall, Tom
84-003356
Dougherty, S. A.
84-004025
Doughty, Jim
84-003300
Douse, A. F. G.
84-004977
Drabaek, Iver
84-004634
Dral, A. D. G.
84-004027
Dratch, Peter
84-004155
Dreier, Jeremy
84-005394
Drewes, Robert C.
84-005795
Drickamer, Lee C.
84-003787
Dring, Peter
84-005496
Dring, Timothy
84-005496
Drobney, Ronald D.
84-004831
Drouilly, Patricio
84-004150
Drummond, Robert
84-004978
Drury, William H.
84-005094
Du Toit, Charles H.
84-006009
Duan Huifen
84-004256
Dube, Yvon
84-003357
Dubey, J. P.
84-003701
84-003788
84-004116
...CONTINUED...
Dubey, J. P.
84-004151
Dubois, Alain
84-005901
Dudok van Heel, W. H.
84-004028
Dudzinski, M. L.
84-003485
Duebbert, Harold F.
84-004832
Duellman, William E.
84-005755
Duffield, Deborah A.
84-004029
Duffy, David C.
84-004385
Duffy, David Cameron
84-004979
Dugoujon, J.-M.
84-004261
Duke, R.
84-003164
Dunaway, David J.
84-003295
Dunbar-Cooper, Ann
84-005987
Dunbar, R. I. M.
84-004262
84-004263
Dunbar, Robin
84-003197
Duncan, David C.
84-004833
Duncan, J. A.
84-003714
Duncan, N.
84-004969
Dunn, Laurence E.
84-005664
Dunn, P. J.
84-004980
Dunn, Roy
84-004753
Dunne, Peter
84-005282
Dunstone, N.
84-003943
84-003944
Duplaix, Nicole
84-003307
Dupont, William D.
84-003046
Dupuis, Pierre
84-005119
Duquette, Laurel S.
84-004152
Durden, Lance A.
84-003702

AUTHOR INDEX

Durell, S. E. A. le V. dit
84-005007
Durette-Desset, Marie-Claude
84-003844
Dutrillaux, B.
84-003611
Dyrcz, Andrzej
84-005497
Dyrland, Russell A.
84-004665
84-004666
84-004667
Dyrness, C. T.
84-003026
Earle, R. A.
84-005498
84-005499
Eastman, Donald S.
84-003030
84-004176
Eberhard, E.
84-003116
Eberhard, Mark L.
84-003648
Eberhardt, L. L.
84-004030
Ebinger, Peter
84-003897
Eck, Siegfried
84-004370
Eckert, Kim
84-005500
Eckert, R. E., Jr.
84-003360
Eckert, Richard E., Jr.
84-003358
Edgell, Michael C. R.
84-004834
Edman, John D.
84-004981
Edwards, Ernest P.
84-004433
Eger, J. L.
84-003637
Eigener, Wilhelm
84-004201
Einarsson, Arni
84-004892
Eisenberg, John F.
84-003924
Ekins, Graham
84-005283
Ekman, Jan
84-004434
84-005501
Elder, William H.
84-004596
Eldridge, William
84-004091
Elenowitz, Amy S.
84-004202
Elgmork, K.
84-003359
Elliot, K.
84-003934
Elliott, Henry Wood III
84-004092
Ellis, Jack A.
84-004732
Ellis, LeGrande C.
84-004239
Ellis, Pete
84-004597
Ellison, Thomas
84-005938
Elsey, Ruth M.
84-005939
Elsner, R.
84-004063
Elter, G.
84-003505
Elvestad, Kari
84-003868
Ely, Charles A.
84-003466
Ely, R.
84-003729
Emelianov, P. F.
84-003703
Emlen, John M.
84-003032
84-003033
Emmons, L. H.
84-003084
Emmons, Louise
84-003100
Emmons, Louise H.
84-003793
Encarnacion, Luis
84-003212
Engelmoer, Meinte
84-004946
England, A. Sidney
84-003117
Englert, John
84-004835
Engstrom, M. D.
84-005993
Enquist, Magnus
84-004685
Ens, B. J.
84-004982
Ens, Bruno
84-004983

- Enticott, J. W.
  - 84-004491
- Environmental Research Institute
  - 84-003047
- Environmental Research Institute of Michigan
  - 84-003048
- Erffmeyer, Elizabeth Shoenfelt
  - 84-004264
- Eriksson, Margareta
  - 84-003789
- Erlinge, S.
  - 84-003945
- Erlinge, Sam
  - 84-003198
- Ermala, Aslak
  - 84-003273
- Ernst, Carl H.
  - 84-005940
  - 84-005941
  - 84-005942
- Escarre, Antonio
  - 84-006048
- Escudie, B.
  - 84-003625
- Eskelinen, Olavi
  - 84-004804
  - 84-004805
- Essman, Richard
  - 84-004014
- Estel, Bridgett
  - 84-004809
- Estel, Bridgett L.
  - 84-004810
  - 84-004893
  - 84-004911
  - 84-004913
- Estes, Richard Despard
  - 84-004203
- Estrada, Alejandro
  - 84-004265
- Etter, Stanley L.
  - 84-004732
- Euler, David
  - 84-005256
- Evanich, Joe
  - 84-004699
- Evans, D.
  - 84-004899
- Evans, David L.
  - 84-005375
- Evans, E. M. Nesbit
  - 84-003465
- Evans, Keith E.
  - 84-004435
- Evans, P. R.
  - 84-004598
- Evans, R. A.
  - 84-003360
  - 84-003430
- Evans, W. E.
  - 84-004020
- Everett, M. J.
  - 84-005201
- Everett, Richard L.
  - 84-003361
  - 84-003362
- Everett, William T.
  - 84-004064
- Evermann, James F.
  - 84-003872
- Every, B.
  - 84-005202
- Every, W. J.
  - 84-004636
  - 84-004659
- Evrard, James O.
  - 84-004836
- Exo, Klaus-Michael
  - 84-005284
- Eyre, John
  - 84-005502
- Faanes, Craig A.
  - 84-004436
  - 84-004984
- Fabbri, M.
  - 84-003915
- Fabbri, Maria Laura
  - 84-003864
  - 84-003865
- Fadeev, E. V.
  - 84-004153
- Fagen, Robert
  - 84-003034
  - 84-003199
- Fagerheim, Kjell-Arne
  - 84-004015
- Fagerstone, Kathleen A.
  - 84-003719
- Fain, A.
  - 84-003790
- Fairaizl, Steven D.
  - 84-003007
- Fairweather, D. V. I.
  - 84-004277
- Faliu, L.
  - 84-003910
- Fall, Bruce A.
  - 84-004985
- Fallis, B. W.
  - 84-004031
- Falls, J. B.
  - 84-005552
- Falls, J. Bruce
  - 84-005393

Fancy, Steve G.
  84-003363
Farnell, Rick
  84-003859
Farner, Donald S.
  84-005585
Farnworth, E.
  84-003345
Farnworth, Edward G.
  84-003156
Fasel, Michael
  84-004700
Fatunmbi, O. O.
  84-005286
Fatzer, Rosmarie
  84-004154
Favaloro, Norman J.
  84-005287
Fay, F. H.
  84-003898
Fay, G. J.
  84-005252
Fay, Philip
  84-003689
Fayenuwo, J. O.
  84-003678
Fayolle, P.
  84-004387
Fazleabas, Asgerally T.
  84-003946
Feder, Martin E.
  84-005796
  84-005797
Feierabend, J. Scott
  84-004789
Feiler, Wolfgang
  84-004589
Feitelson, Mark A.
  84-003240
Feldhamer, George A.
  84-003791
Felten, Heinz
  84-003634
Feltus, D. G.
  84-003364
Fendley, T. T.
  84-003986
  84-003989
  84-004830
  84-004837
Fenech, Natalino
  84-005261
  84-005444
  84-005659
Fenton, M. B.
  84-003595
  84-003615

...CONTINUED...

Fenton, M. B.
  84-003616
Fenton, M. Brock
  84-003596
  84-003598
  84-003604
Ferguson, Gary W.
  84-005943
Ferguson, Patricia
  84-003229
Ferguson, Robert B.
  84-003296
Ferm, Lisa M.
  84-004070
  84-004073
Fernandez Badillo, Alberto
  84-003622
Ferns, P. N.
  84-004986
  84-004987
  84-004988
Ferrandis, Eduardo
  84-006048
Ferriere, Gaston
  84-003649
Ferron, Jean
  84-003704
Fetterolf, Peter M.
  84-004989
Fiedler, Joachim
  84-003597
Fielder, Paul C.
  84-004117
Fierro, L. C.
  84-003332
Figueroa, Luis
  84-005160
Filho, A. Hernandez
  84-003365
Filho, I. P.
  84-003215
Filimonov, A. N.
  84-003860
  84-003861
Finch, B. W.
  84-004990
  84-005503
Finch, Brian W.
  84-004437
  84-004438
  84-004439
  84-004440
  84-004838
  84-004991
  84-004992
  84-004993
  84-004994

...CONTINUED...
Finch, Brian W.
84-005504
84-005505
84-005506
84-005507
84-005699
Finck, Elmer John
84-005508
Findholt, Scott L.
84-004644
Fink, G.
84-003778
Finklin, Arnold I.
84-003366
Finnegan, Kathleen H.
84-004995
Fischer, W. C.
84-003347
Fischer, William C.
84-003335
Fischman, Harvey
84-003241
Fisel, Ursula
84-003350
Fisher, Kenneth C.
84-003831
Fisher, Sheldon R.
84-004070
Fisher, William C.
84-003367
Fitch, Henry S.
84-003467
Fitch, Mary A.
84-004996
Fitch, Virginia R.
84-003467
Fitzgerald, A. K.
84-004210
Fitzner, R. E.
84-003211
Fitzpatrick, John W.
84-003100
84-004599
Fjeldsa, Jon
84-005700
Fleagle, John G.
84-004266
84-004296
Fleay, Annette
84-005984
Fleharty, Eugene D.
84-003496
Flensburg, Jorgen
84-004800
Fletcher, F.
84-004065
Flieger, Erwin
84-003624
Flood, Nancy J.
84-005395
Florant, Gregory L.
84-003705
Florence, Scott R.
84-003368
Flux, J. E.
84-003650
Flux, J. E. C.
84-003651
84-003652
Flux, M. M.
84-003650
Flynn, Rodney W.
84-004204
Foerg, Renate
84-004267
84-004268
Fog, Af Mette
84-004441
Foley, W. J.
84-003551
Folster, David
84-005203
Foltz, Norma Jean
84-004908
84-004912
Fonnesbeck, Paul V.
84-003439
Forbes, M. A.
84-003485
Ford, Hugh A.
84-004386
84-005509
Ford, Julian
84-005387
84-005510
Ford, Linda S.
84-005916
Ford, Neil B.
84-005944
Ford, R. Glenn
84-003792
84-004675
Forde, Neville
84-004386
Forester, Don C.
84-005798
Forestry Development Authority
84-003118
Foreyt, W. J.
84-004112
Forman, N.
84-005079
Forren, John D.
84-005288
Forstel, Alfons
84-005285

AUTHOR INDEX

Forster, Richard A.
84-004568
Fourie, S. P.
84-003180
Fowler, D. K.
84-003369
Fowler, Dale K.
84-003557
84-003869
Fowler, Linda J.
84-003557
84-003869
Fowler, Lynn Elizabeth
84-003200
Fox, Glen A.
84-004997
Fox, Joseph Larkin
84-004205
Fox, Stanley F.
84-005943
Fraker, Mark A.
84-004032
Franco Ruiz, A.
84-004600
Franco, A.
84-004614
Frank, Anthony M.
84-004832
Frank, Charles O.
84-003527
Frank, L. R.
84-003782
Franke, Donald J.
84-003706
Frankenberg, Eliezer
84-005945
84-006077
Franklin, J.
84-003028
Franson, J. Christian
84-004642
Franz, Dieter
84-004998
Franzmann, Niels-Erik
84-004839
Franzreb, Kathleen E.
84-005511
Fraser, M. W.
84-004442
Fraser, S. O.
84-003217
Frazer, Nathaniel Blevins
84-005946
Frederick, Robert B.
84-003049
Frederick, Robert Beneke
84-004894
Fredrickson, Leigh H.
84-003119
Fredriksson, Stig
84-005512
Freed, Mara Grady
84-005947
Freed, Paul S.
84-005947
Freedman, Bill
84-004206
Freedman, H. I.
84-003247
Freeland, W. J.
84-003242
Freeman, R. S.
84-003685
Freemark, Kathryn E.
84-004468
Freestone, P.
84-004636
French, Carolyn O.
84-003274
84-003275
84-003276
84-003277
84-003278
84-003279
84-003280
French, Thomas W.
84-003559
Freytag, Gunther E.
84-005799
Fries, R.
84-003669
Frikke, John
84-004774
Frisch, Thomas
84-004999
Frischknecht, Neil C.
84-003297
Fritts, Thomas H.
84-005948
84-005949
Fritzell, Erik K.
84-003875
Frommel, D.
84-003707
Frost, Cecil C.
84-003120
Frost, Darrel
84-005951
Frost, Darrel R.
84-005950
Fruci, Jean
84-003105
Fry, C. H.
84-005701

Frykman, Ingrid
84-003560
Fuchs, Jannon L.
84-005513
Fuentes, Eduardo R.
84-003532
Fugler, Charles M.
84-005756
Fugler, S. R.
84-004491
Fullagar, P. J.
84-003652
84-005000
84-005569
Fullard, James H.
84-003598
Fuller, Charles A.
84-004269
Fuller, Phillip J.
84-004957
Fuller, R. J.
84-005001
84-005120
Fuller, Rob
84-005002
Fuller, Steve
84-005952
Furlonger, Caren L.
84-003598
Furness, Bob
84-005003
Furness, Bridget L.
84-005204
Furness, R. W.
84-004766
Furuichi, Takeshi
84-004270
Furuta, Hiroaki
84-005767
Fussell, John O.
84-003138
Gabbott, Geoffrey R. J.
84-004864
Gaetz, C. T.
84-006025
Gaines, G. D.
84-004671
Gaisler, J.
84-003601
Gajadhar, A. A.
84-004790
Gakahu, C. G.
84-003490
Gakahu, Christopher G.
84-003676
Galanina, T. M.
84-003837
Galat-Luong, A.
84-004299
Galat, G.
84-004299
Galbraith, David A.
84-005953
Galbraith, Hector
84-005003
Galdikas, Birute M. F.
84-003248
Galea, Raymond
84-003201
84-005659
Galik, Patricia A.
84-003900
Gallagher, Michael
84-005205
Gannon, V. P. J.
84-005954
Gans, Carl
84-005962
Garcia-Gaona, J. F.
84-004698
Gardiner, C. H.
84-004355
Gardner, Alfred L.
84-003793
Gariepy, J. L.
84-004271
Garland, Theodore, Jr.
84-003370
84-003507
Garner, Gerald W.
84-003916
84-004166
84-004228
Garrido, Jose L.
84-004199
Garrido, Jose Luis
84-003050
84-003491
84-004200
Garrott, Robert A.
84-003073
Garshelis, Dave
84-003919
Garshelis, David Lance
84-003948
Garson, John A.
84-005778
Garton, D. W.
84-003231
Garton, Edward O.
84-003840
Gasaway, William C.
84-004184
Gasc, J. P.
84-004289

Gasith, Avital
84-003216
Gaskin, D. E.
84-004061
Gassner, Dieter
84-004840
Gast, Stephen E.
84-005176
Gaston, A. J.
84-005004
Gates, J. Edward
84-003791
Gatten, Robert E., Jr.
84-005800
84-005955
Gattullo, D.
84-005919
Gauci, Charles
84-004521
84-004622
84-005514
84-005651
84-005652
Gauthier, D.
84-003708
Gauthier, D. A.
84-003371
Gauthreaux, Sidney A., Jr.
84-005576
Gautreau, C.
84-004299
Gavin, Thomas A.
84-005396
Gazaryan, K. G.
84-004544
84-004759
Geddes, F.
84-003744
Geerling, Chris
84-003533
Geesey, G. G.
84-003230
Gehman, Steven D.
84-003670
Geist, Valerius
84-004207
Geldenhuys, J. N.
84-005066
Gelinas, R. R.
84-003461
Genevois, J. P.
84-004387
Geniteau, Monique
84-004297
Gentile, John Richard
84-003268
Gentry, A. H.
84-003084
George, Harry A.
84-003292
George, John L.
84-004118
George, Thomas H.
84-004179
Geraci, J. R.
84-004019
Geren, Collis R.
84-005973
Gerhardt, H. Carl
84-005801
German, Rebecca Z.
84-003468
Gerrodette, Tim
84-003949
Gettinger, Ronald D.
84-003794
Ghigiarelli, Elder A., Jr.
84-003121
Gibbons, Lynda M.
84-004195
Gibson, David F.
84-004134
Gicca, Diderot F.
84-005956
Giesen, Kenneth M.
84-004701
Giffin, Jon G.
84-003540
Gileva, E. A.
84-003795
84-003796
Gill, B. J.
84-004444
84-005702
Gill, Brian J.
84-004556
Gill, D. E.
84-005832
Gill, Robert E., Jr.
84-005005
Gill, Robert, Jr.
84-005015
Gillett, K. Elizabeth
84-003697
Gilliland, Mary
84-004914
Gillis, J. E.
84-005802
Gilmer, David S.
84-005290
Gilmore, Hugh A.
84-004272
Gilmore, W. C.
84-005732
Gilpin, Michael E.
84-004431

Gimingham, C. H.
84-003386
84-003387
Ginatulin, A. A.
84-003709
Ginatulina, L. K.
84-003709
Ginsberg, Howard
84-004307
Gipson, Philip S.
84-003870
Gladden, N. R.
84-004097
84-004149
Gladfelter, Lee
84-004119
84-004120
Glaholt, R.
84-003378
Glaser, D.
84-004278
Glass, John David
84-003797
Glass, M. L.
84-006010
Glover, G. J.
84-004156
Gluck, Erich
84-005515
Gochfeld, M.
84-004416
Godfrey, Paul J.
84-003403
Godley, J. S.
84-005957
Goertz, John W.
84-004004
Gogoi, P. C.
84-004356
Gold, Clifford S.
84-005516
Goldman, Bruce D.
84-003852
Golightly, Richard T., Jr.
84-003871
Gollop, J. B.
84-004371
Gomersall, C. H.
84-004915
Gomez Dominguez, Luis
84-004973
Goodfellow, D. J.
84-005638
Goodman, Steven M.
84-004445
Goodwin, Derek
84-005703
Gopalakrishnakone, P.
84-005958
Goran, William D.
84-003372
Goransson, G.
84-003947
Goransson, Gorgen
84-003198
Gordon, T. P.
84-004348
Gordon, Thomas P.
84-004347
Gorner, Martin
84-005289
Gorski, Wojciech
84-004443
84-004767
84-004768
84-004895
Goss-Custard, J. D.
84-004982
84-005006
84-005007
Gosselink, James G.
84-003486
Gotelli, Nicholas J.
84-004447
Gotoh, Shunji
84-004303
Gotshall, Daniel W.
84-004018
Gottesman, Dan
84-003298
Gouat, Janine
84-003798
Gouat, Patrick
84-003798
Goudswaard, R.
84-005704
Gough, R. E.
84-004791
Gould, Frank W.
84-003122
Gould, Harry J. III
84-003710
Gourley, Robert Steven
84-003799
Goutner, Vasilis
84-005008
Gowaty, Patricia Adair
84-005517
Graber, Jean
84-003202
Graber, Jean W.
84-004446
Graber, Richard
84-003202

Graber, Richard R.
  84-004446
Graham, A.
  84-003485
Graham, David
  84-004067
Gram, Iver
  84-003400
  84-004774
Grand, Gilbert S.
  84-005106
Grant, Andrew
  84-004686
Grant, B. R.
  84-005518
Grant, Gilbert S.
  84-005206
Grant, P. R.
  84-004372
  84-005518
  84-005519
Grant, Peter R.
  84-005617
  84-005618
  84-005628
Grant, T. R.
  84-004357
Grant, W. E.
  84-003217
  84-004208
  84-004211
  84-004217
Grantham, Laura B.
  84-003772
Grassman, M.
  84-006013
Gratto, C. L.
  84-005009
Gratz, Ronald K.
  84-005959
Graves, Gary R.
  84-004447
  84-005520
Gray, D. R.
  84-003534
Gray, David R.
  84-003653
Grech, John
  84-005521
Green, A. A.
  84-003502
Green, Arthur A.
  84-003469
Green, David M.
  84-005803
Green, G. H.
  84-005001

...CONTINUED...
Green, G. H.
  84-005010
Green, Galen E.
  84-004208
Green, George L.
  84-002993
Green, Jeffrey S.
  84-003872
  84-003873
  84-003874
Green, R. E.
  84-004736
  84-005011
Green, R. H.
  84-005529
Greenberg, Neil
  84-005960
Greenberg, Russell
  84-005522
Greene, Erick
  84-004557
Greene, Harry W.
  84-005961
  84-006027
Greenwood, Hamilton
  84-005430
Greer, Allen E.
  84-005962
Greet, De Gueldre
  84-003599
Gregory, K. J.
  84-003337
Greig, S. A.
  84-005012
Grelen, H. E.
  84-003003
Gremillion-Smith, Catherine
  84-003527
Grenmyr, Urban
  84-004916
Grettenberger, J. F.
  84-003886
  84-004473
Grice, David
  84-003554
Griese, Dick
  84-003373
Griffin, G. F.
  84-003374
Griffith, M. A.
  84-004837
Griffith, Michael A.
  84-003989
Griffiths, A. M.
  84-004761
  84-005184
Griffiths, Mervyn
  84-004357

Grigsby, Everett M.
84-003603
Grimaud, J.-A.
84-003707
Grimes, J. E.
84-004676
84-004676
Grocock, C. A.
84-003778
Grodzinska, Krystyna
84-003515
Grodzinski, Wladyslaw
84-003515
Gromadzka, Jadwiga
84-004769
Gromadzki, Maciej
84-004769
84-004896
Groschupf, Kathleen D.
84-005602
Groves, C. P.
84-004209
Grubb, Thomas C., Jr.
84-005734
Gruber, Ulrich
84-005758
Grue, Christian E.
84-004645
Grunow, William A.
84-005997
Gruttadauria, Janice M.
84-003909
Grzybowski, Joseph A.
84-004448
Gubitz, Christian
84-005523
Gudmundsson, Jon
84-004841
Guinness, F. E.
84-004145
Guliasi, Gary
84-005308
Gulka, Cecilia M.
84-004677
Gullion, G. W.
84-003375
Gunatilleke, C. V. S.
84-003018
Gunatilleke, I. A. U. N.
84-003018
Gunn, A.
84-003376
84-003377
84-003378
Gunn, W. W. H.
84-005081
Gunnarsson, Sigurdur
84-005524
Gunson, J. R.
84-003750
Guntenspergen, Glenn R.
84-003813
Gustafson, Alvar W.
84-003583
Gustafson, D. I.
84-004100
Gustafson, Herbert
84-004287
Guthery, Fred S.
84-004729
84-004842
Gutierrez, Jose Maria
84-005985
Guynn, Dwight E.
84-003299
Guzman, Juan R.
84-005207
Gyllensten, Ulf
84-004155
Gynn, Elizabeth
84-005705
Gynn, Graham
84-005705
Haar, R. T.
84-004068
Haas, Gerhard
84-003051
Haas, M. B.
84-005337
Habeck, J. R.
84-003347
Hack, P. C.
84-004988
Hackwell, Kevin
84-003123
Haddon, Malcolm
84-004843
Haffer, Jurgen
84-004449
Haffner, Marianne
84-003561
Haga, Ryoichi
84-005439
Hagan, John M.
84-005963
Hagen, Karen L.
84-005773
Haiduk, Michael Wayne
84-003600
Haigh, J. C.
84-004156
84-004161
Haila, Yrjo
84-004450
84-004451

...CONTINUED...
Haila, Yrjo
   84-004452
   84-004844
Hails, C. J.
   84-004542
   84-005706
Haim, A.
   84-003562
   84-003851
Hair, Jay D.
   84-004846
Hale, C.
   84-003625
Hale, W. G.
   84-005013
Haley, Mark V.
   84-005980
Hall, A. V.
   84-003180
Hall, J. R.
   84-004636
Hall, K. J.
   84-003249
   84-005525
Hall, Kent D.
   84-005810
Hall, Leslie S.
   84-003545
Hall, Michael Robert
   84-004891
Haller, Heinrich
   84-005291
Halliday, D.
   84-005292
Halls, Lowell K.
   84-003380
Halouzka, J.
   84-003238
Halpern, Mimi
   84-006065
Halse, Stuart Anthony
   84-004897
Halvorsen, Harvey H.
   84-005526
Hamaker, C.
   84-003052
Hamel, Paul B.
   84-005527
Hamer, Vic
   84-004898
Hamilton, Heather
   84-003653
Hamilton, Meredith J.
   84-003950
Hamilton, Michael Paul
   84-003181
Hamlett, Trevor
   84-005293
Hammond, L. S.
   84-003336
Hampe, O. G.
   84-006030
Hanak, V.
   84-003601
Hancock, James
   84-005014
Hancock, Lyn
   84-003381
   84-003713
Handel, Colleen
   84-005015
Handel, Colleen M.
   84-005005
Haney, J. Christopher
   84-005016
Hanken, James
   84-005805
Hanks, J.
   84-004238
Hanley, P. T.
   84-003382
Hanmer, D.
   84-004899
Hanmer, D. B.
   84-004601
   84-005294
Hannon, Stephany S.
   84-003900
Hansen, Donald J.
   84-003516
Hansen, Erpur Snaer
   84-005017
Hansen, L. G.
   84-003219
Hanson, Jeffrey E.
   84-004861
Hanson, Michael T.
   84-004157
Hantz, O.
   84-003707
Harcourt, Alexander H.
   84-004250
Harding, Elliot
   84-004453
   84-005208
Harding, Robert S. O.
   84-004272
Hardisky, M. A.
   84-003214
Hardy, A. R.
   84-005298
Hardy, Jerry D., Jr.
   84-005757
   84-005806
Hardy, John William
   84-005587

...CONTINUED...
Hardy, John William
84-005588
Harestad, A.
84-003708
Hargis, Christina D.
84-003951
Hario, Martti
84-004845
Harkness, J. W.
84-003728
Harman, Dan M.
84-003745
Harmsen, Rudolf
84-004900
Harned, G. D.
84-005782
Haroldson, Kurt J.
84-003875
Harper, Peter C.
84-005209
Harradine, John
84-003281
Harrap, K. A.
84-004778
Harri, M.
84-003880
Harri, Mikko
84-003881
Harriman, Arthur E.
84-003250
Harrington, Brian A.
84-005018
Harrington, Susan
84-004386
Harris, Bruce
84-004602
Harris, John Harwood
84-003800
Harris, M. A.
84-003714
Harris, M. P.
84-005019
Harris, R. E.
84-005081
Harris, Reid N.
84-005765
84-005834
Harris, Stephen
84-003952
Harris, Wayne C.
84-003492
Harrison, C. J. O.
84-005020
Harrison, Colin J. O.
84-005397
Harrison, Keith
84-005798
Harrison, Michael J. S.
84-004273
84-004274
Harrison, P.
84-005210
Harrison, Ronald
84-005528
Hart, N. G.
84-004210
Hartley, Ron
84-005295
Hartwig, E. K.
84-004010
Harvey, Nancy C.
84-004275
Harvey, Paul H.
84-003037
Hasegawa, Yoshinori
84-004303
Haseltine, S. D.
84-004646
Haseltine, Susan D.
84-004647
Hashimoto, K.
84-006061
Hassanien, F. M.
84-003602
Hassell, Wendell
84-003300
Hatch, Scott A.
84-004558
Hati, A. K.
84-006039
Hattingh, J.
84-005964
Hatton, J. C.
84-004085
Hatton, John
84-004276
Haugh, Kari L.
84-005321
Haukioja, Erkki
84-004158
Hausser, J.
84-003563
Havill, P. F.
84-004149
Hawk Trust
84-005296
Hawkey, C. M.
84-004210
84-005211
Hawthorne, Minnie N.
84-004024
Hay, J.
84-003679
Hayes, Jim
84-005021

Hayes, Marc P.
84-005807
Hayeur, Gaetan
84-003383
Haynes, Russel L. R.
84-005288
Hays, Horace A.
84-003603
84-003641
Hayworth, Anita M.
84-005398
Hazelton, Paula K.
84-005376
Heard, Richard W.
84-005022
Hearney, A. W.
84-004093
Heath, P. J.
84-005399
Heather, B. D.
84-005023
Hebert, Paule
84-003711
84-003712
Heck, Alice E.
84-004454
Heck, Heinz
84-004159
Heckman, S.
84-003754
Hecox, Walter E.
84-003384
Heinemann, Dennis
84-004675
Heinen, J. T.
84-003043
Heinz, G. H.
84-004646
Heinz, Gary H.
84-004647
Heisey, Dennis M.
84-004127
Heisler, N.
84-006010
Heisterberg, Jon F.
84-005400
Heitmeyer, Mickey E.
84-004792
Helb, Hans-Wolfgang
84-005452
Hellebuyck, Victor
84-004455
Heller, Manfred
84-005297
Hellgren, E. C.
84-004211
84-004217
Helvie, Jack
84-003304
Hemker, Thomas P.
84-003982
Hemming, J. E.
84-003382
Hemmingsen, P.
84-004095
Henderson, D. G.
84-005529
Henderson, F. Robert
84-003251
Henderson, Gordon
84-004398
Henderson, Robert W.
84-005965
Henderson, T. G.
84-004094
84-004095
Hendricks, Paul
84-005530
Hendrickson, Mike
84-005024
Hendriks, Henk
84-005283
Henning, S. J.
84-003385
Henny, Charles J.
84-004648
84-005333
Henriques, Ulrik V.
84-003868
Henry, Greg
84-004206
Hensler, G. L.
84-004646
Hepp, Gary R.
84-004846
Herbert, Christine Victoria
84-005966
Herd, R. M.
84-005698
Herd, Robert M.
84-003604
84-005707
Herman, Roger L.
84-005808
Hermanson, John Winelius
84-003605
Hernandez, F.
84-004770
Herrera, Carlos M.
84-004559
Hertel, H. H.
84-003887
Hertz, Paul E.
84-006081

AUTHOR INDEX

Hess, K. W.
84-003218
Hesse, Elke
84-004577
Hestbeck, Jay Brian
84-003801
Heston, John
84-005708
84-005708
Heth, G.
84-003562
Hettinger, Loren R.
84-003020
Heubeck, Martin
84-004847
Hewston, N.
84-005531
Heyer, W. Ronald
84-005869
Hickey, T. Earle
84-004848
Hicklin, Peter W.
84-005025
84-005026
Hickman, Graham C.
84-003564
Hicks, B. D.
84-004019
Hicks, G. M.
84-003423
Hidaka, Hideo
84-003517
Hiemenz, Nestor
84-005027
Hier, Ross H.
84-004926
Highton, Richard
84-005827
Hilbig, R.
84-003190
Hilden, Olavi
84-005028
Hill, Brian
84-005029
Hill, Cheryl J.
84-005800
Hill, D. A.
84-004849
Hill, John E.
84-003606
Hill, Paul L., Jr.
84-003412
Hill, Richard W.
84-003040
Hill, T. H.
84-005484
Hilliard, Brenda L.
84-005352
Hillis, Ann M.
84-005809
Hillis, David M.
84-005809
Hines, James E.
84-003060
84-004850
Hines, T.
84-006079
Hinesly, T. D.
84-003219
Hintermister, John H. V
84-005092
Hirata, Hironori
84-003035
Hirons, G. J. M.
84-005298
Hirschfeld, Erik
84-005532
Hirst, Lawrence W.
84-004067
Hislop, Alison
84-004277
Hissa, R.
84-004709
Hissa, Raimo
84-004710
Hitchcock, Harold B.
84-003607
Hitchcock, Ronald R.
84-004754
Hjort, Christian
84-005377
Hobbs, R. J.
84-003386
84-003387
Hobi, G.
84-004278
Hockey, P. A. R.
84-004456
84-005030
84-005212
Hockey, Philip A. R.
84-004457
84-005031
Hockman, J. Gregory
84-003876
Hodgdon, H. E.
84-003739
84-003746
84-003749
Hodgson, Ralph
84-005032
Hodl, W.
84-005804
Hoefs, Manfred
84-004212

Hoehn, Thomas R.
84-004638
Hoerschelmann, Heinrich
84-005215
Hoffman, David J.
84-004649
Hoffman, Harriet E.
84-004560
Hoffman, James C.
84-004917
Hoffman, Ken
84-005533
84-005709
Hoffman, Max
84-003747
Hoffman, Molly
84-005533
84-005709
Hoffman, Richard W.
84-004701
Hoffman, Robert Dale
84-004851
Hoffman, Ronald H.
84-005033
Hoffman, Wayne
84-005948
Hoffmann, Robert S.
84-003567
Hoffmann, Rolf
84-004267
Hoffmann, Thilo W.
84-004771
Hofman, R. J.
84-004030
Hogan, Geoffrey G.
84-005299
Hogg, P.
84-005300
Hogstedt, Goran
84-003198
Hohmann, Hans-Dieter
84-004189
Hohn, Aleta A.
84-004049
Holbrook, Herman L.
84-004742
Holding, Jeremy
84-005580
Holekamp, Kay Ellen
84-003715
Holeksa, Jan
84-003124
Holeksa, Krystyna
84-003124
Holley, A. J. F.
84-005034
Hollihn, Uwe
84-004306
Holm, Kent E.
84-003680
Holmes, Virgil R.
84-003592
Holms, Warren G.
84-003716
Holroyd, G. L.
84-003595
Holroyd, Geoffrey Liddell
84-005534
Holst, Dietrich V.
84-004279
Holt, J.
84-003388
Holt, W. V.
84-004280
Holz, R.
84-004160
Holzwart, James
84-005810
Hone, Jim
84-004213
Honeycutt, Rodney L.
84-003698
Hood, Craig S.
84-003608
Hoogland, John L.
84-003717
Hoogmoed, Marinus S.
84-005758
Hoogstraal, H.
84-003565
Hope, C.
84-006079
Hope, G. Marion
84-004024
Horak, I. G.
84-004086
84-004195
Horgan, C.
84-003815
Horlbeck, Eleanor
84-005535
Horlbeck, Frederick H.
84-005535
Horn, Henry S.
84-005965
Hornocker, M. G.
84-003953
Horsfall, John A.
84-005035
Hosey, G. R.
84-004187
Hoss, Donald E.
84-003346
Hosten, L. W.
84-005115

Houck, Warren J.
  84-006054
Houghton, R. A.
  84-003423
Houston, David C.
  84-005301
Houston, Mary I.
  84-004458
How, R. A.
  84-005967
Howard, James H.
  84-003791
  84-005811
Howard, Max J.
  84-004459
Howard, P. C.
  84-004214
Howard, Robert K.
  84-005036
Howard, Susan
  84-004277
Howard, Walter E.
  84-003535
  84-003681
Howe, B.
  84-004490
Howe, Marshall A.
  84-005037
Howe, R. W.
  84-004460
Howell-Heller, Penelope
  84-004638
Howell, Donna J.
  84-003609
Howell, K. M.
  84-003566
Howell, Laurie
  84-004461
Howell, Thomas R.
  84-005038
Howells, M. J.
  84-004462
Howerth, E. W.
  84-005812
Howey, P.
  84-004793
Hoy, D.
  84-003345
Hoyt, Erich
  84-004033
Hrudka, F.
  84-004161
Hsu Pinghsuan
  84-004256
Hu Zhendong
  84-004190
Hubalek, Z.
  84-003238
Hubbell, Stephen P.
  84-003075
Huber, W.
  84-004178
Hudde, Hans
  84-005426
Hudson, Robert
  84-004612
Huete, A. R.
  84-003011
Huey, Raymond B.
  84-003695
Huggins, James A.
  84-004878
Hughes, Donald L.
  84-004665
  84-004666
  84-004667
Hughes, J. M.
  84-005401
Hughes, Maryanne R.
  84-004727
Hughes, R. A.
  84-004463
Hume, I. D.
  84-003544
  84-003551
  84-003552
Hume, R. A.
  84-004772
Humphrey-Smith, Ian
  84-003546
Hundertmark, Kris J.
  84-003670
Hunt, E. P.
  84-003228
Hunt, Richard A.
  84-004889
Hunter, Cheri C.
  84-004645
Hunter, Gloria
  84-005560
Hunter, Stephen
  84-005213
Huopalahti, Rainer
  84-004158
Huot, Jean
  84-004121
Hurrell, E.
  84-003827
Hurrell, Elaine
  84-003802
Husain K. Z.
  84-004285
Husenica, Jaromil
  84-003379
Hussein, Talal H.
  84-004730

AUTHOR INDEX

Hutchins, Harry E.
84-005428
Hutchinson, C. D.
84-005039
Hutchinson, David
84-004464
Hutchison, W. M.
84-003679
Hutson, V.
84-003252
Hutto, Richard L.
84-005716
Hutton, M.
84-004650
Ibanez, Fernando
84-003085
Ichinoe, Kenji
84-004852
Iela, L.
84-005841
Ignat'eva, G. M.
84-005759
Iguchi, M.
84-004281
Iiams, John E.
84-002994
Illinois Natural History Survey
84-004702
Imai, Atsushi
84-004232
Imai, Hirotami T.
84-003470
Imber, M. J.
84-005184
84-005214
Imori, Tatsuo
84-004282
Inaba, Toshio
84-004282
Indian Institute of Technology
84-003053
Infiesto, Bernardita
84-005980
Ingold, James L.
84-004561
Inoue, Tsuyoshi
84-003517
Inskipp, C.
84-005040
Irby, D. C.
84-003762
Ironside, G. R.
84-003389
Irvine, George
84-005616
Isachenkov, V. A.
84-003677
Isakson, K. G.
84-003217
Isbell, Lynne A.
84-004283
Isenmann, P.
84-005493
Ishida, Chu
84-003070
Ishida, H.
84-004284
84-004290
Islam, Md. Anwarul
84-004285
Ismail, N.
84-003675
Istenic, Lili
84-005813
Itoh, Hiroshi
84-004852
Iverson, John B.
84-005968
Ivins, Barbara L.
84-003665
Iyoha, Michael O.
84-004629
Izzo-Vitiello, I.
84-005841
Jachmann, Hugo
84-004358
Jack, J.
84-005302
Jackman, Ronald E.
84-005316
Jackson, D. B.
84-005041
Jackson, M. H.
84-003679
Jackson, R. D.
84-003011
Jackson, Thomas J.
84-003012
Jacob, Jurgen
84-005215
Jacobs, Gerald H.
84-003191
Jacoby, V. E.
84-004603
Jahn, Laurence R.
84-003125
Jaksic, Fabian M.
84-003532
84-005303
84-005908
Jakuczun, Bogdan
84-004767
James, Anthony H.
84-003803

- James, B. M.
  - 84-003146
  - 84-003147
- James, David K.
  - 84-003803
- James, Herman C.
  - 84-005893
- James, P. S. B. R.
  - 84-004034
- James, Paul C.
  - 84-005216
  - 84-005402
- James, R. D.
  - 84-004465
- James, Susanne M.
  - 84-003390
- Jamieson, I. G.
  - 84-004703
- Jamieson, Ian G.
  - 84-004704
  - 84-005304
- Janson, Charles H.
  - 84-004341
- Janssen, Robert B.
  - 84-004466
  - 84-005042
- Jansson, Goran
  - 84-003198
- Jansson, Rolf
  - 84-005536
- Janzen, Daniel H.
  - 84-004087
- Janzen, Danile H.
  - 84-003126
- Jarman, P. J.
  - 84-004763
- Jarvinen, Olli
  - 84-004373
  - 84-004388
  - 84-004451
- Jarvis, J. U. M.
  - 84-003489
- Jeffries, Steven J.
  - 84-004035
- Jehl, Joseph R., Jr.
  - 84-005043
  - 84-005044
- Jenkins, Andrew
  - 84-005305
- Jenkins, C. David
  - 84-005416
- Jenkins, David
  - 84-003954
  - 84-005306
  - 84-005537
- Jenkins, J. H.
  - 84-003955
- Jenkins, M. Alan
  - 84-005327
- Jenkins, P. D.
  - 84-003566
- Jenkins, P. F.
  - 84-005488
- Jenkins, P. G.
  - 84-004467
- Jenkins, Robert L.
  - 84-004024
  - 84-005217
- Jennings, D. T.
  - 84-004368
- Jennings, Jerry
  - 84-005538
- Jennings, Mark R.
  - 84-005969
- Jennings, T. J.
  - 84-004093
- Jenssen, Thomas A.
  - 84-005991
- Jesionowski, Jacek
  - 84-004895
- Jessup, Harvey
  - 84-003635
- Jickling, Bob
  - 84-005539
- Jilbert, John
  - 84-005307
- Jingfors, K.
  - 84-003378
- Joger, Ulrich
  - 84-005970
- Johansen, K.
  - 84-004951
- John-Alder, Henry
  - 84-003695
- Johnsgard, Paul A.
  - 84-005045
- Johnson, A. H.
  - 84-003391
- Johnson, Charles B.
  - 84-003392
- Johnson, Clifford R.
  - 84-005971
- Johnson, D. N.
  - 84-004737
  - 84-004794
- Johnson, David H.
  - 84-005540
- Johnson, Dennis W.
  - 84-005980
- Johnson, E. D. H.
  - 84-004552
- Johnson, Eric V.
  - 84-005308
- Johnson, F. W. A.
  - 84-005710

AUTHOR INDEX

Johnson, Fred A.
  84-004795
Johnson, Jerry D.
  84-006060
Johnson, Jill
  84-003143
Johnson, L. Scott
  84-005309
Johnson, M. S.
  84-003510
Johnson, Mark K.
  84-003990
Johnson, Murray L.
  84-004035
Johnson, Oscar
  84-004410
Johnson, Oscar L.
  84-005046
Johnson, Oscar W.
  84-004953
Johnson, Patricia M.
  84-004953
Johnson, Reed B.
  84-003748
Johnson, Ron J.
  84-003680
Johnson, S. R.
  84-004853
Johnson, Von J.
  84-003393
Johnson, W. C.
  84-003045
Johnston, A. M.
  84-004162
Johnstone, R. E.
  84-006058
Jokinen, Mikko
  84-003654
Jolley, W. R.
  84-004151
Joily, Alison
  84-004286
  84-004287
Jolly, G. M.
  84-003480
Jolly, J.
  84-005711
Jones, Carl
  84-004497
Jones, Clara B.
  84-004288
Jones, D. M.
  84-004096
Jones, David R.
  84-004864
Jones, Donald M.
  84-003877
Jones, Gwilym S.
  84-003610
Jones, Gwilym Strong
  84-003804
Jones, J. Knox, Jr.
  84-003475
  84-003632
Jones, Kenneth Bruce
  84-005760
Jones, P. Hope
  84-005310
Jones, S.
  84-004036
Jones, Steven M.
  84-003054
Jonkel, Charles J.
  84-003928
Jonsson, Ferdinand
  84-005098
Jonsson, Paul E.
  84-005047
Jordan, C.
  84-003345
Jordan, Carl F.
  84-003156
Jordan, Gilbert L.
  84-003301
Joselyn, G. Blair
  84-004732
Jotham, Neal R.
  84-003269
Jouffroy, F.-K.
  84-004289
  84-004290
  84-004291
Jubenville, Alan
  84-003302
Julian, A. F.
  84-004149
Jullienne, A.
  84-005862
Junge, Jane Ann
  84-003567
Jungers, W. L.
  84-004290
  84-004291
Jungers, William L.
  84-004296
Jurik, Milan
  84-003568
Justo, Enrique R.
  84-005277
Jylling, Birthe
  84-004800
Kaaoud, H.
  84-003602
Kabay, E. D.
  84-003418

Kacelnik, Alejandro
84-005403
Kadlec, John A.
84-003439
Kaiser, Lee
84-003055
Kakizawa, Ryozo
84-004871
Kalezic, M. L.
84-005814
Kalmus, H.
84-005542
Kaminski, Richard M.
84-004854
Kan'shiev, V. Ya.
84-003742
Kanagawa, Hiroshi
84-004170
Kane, Emilie S.
84-003008
Kaneko, J. J.
84-003766
84-003767
Kania, Wojciech
84-005543
Karasov, William H.
84-005972
Karczmarczyk, Grazyna
84-005311
Karesh, W. B.
84-003991
Karges, John P.
84-005916
Karim, Mohammed Abdul
84-003682
Karinen, John F.
84-003220
Karlbom, Mats
84-005312
Karns, Patrick D.
84-004127
Karr, James R.
84-004468
Kasahara, Sanae
84-003611
Kasigwa, P. F.
84-003471
Kasman, L. H.
84-004361
Kattoulas, M. E.
84-005986
Katugaha, H. I. E.
84-004469
Katzir, Gadi
84-005404
Kaukeinen, D. E.
84-003226
Kauppinen, Jukka
84-004855
Kavanagh, Rod
84-004389
Kawabata, N.
84-004284
Kawamoto, Y.
84-004292
Kawamura, Y.
84-006042
Kawano, Masahide
84-003517
Kayanja, F. I. B.
84-003584
Kazarian, Ralph
84-004470
Kear, Janet
84-004793
Kearsey, S.
84-004969
Keeley, Jon E.
84-003394
Keeley, Sterling C.
84-003394
Keen, Robert
84-003607
Keith, James H.
84-003537
Keller, Albert
84-003806
Keller, Barry L.
84-003882
84-003883
Keller, Marek
84-004390
Keller, Marilyn
84-003395
Kelley, Alice H.
84-004471
Kelly, M. D. R.
84-003127
Kelly, Paul R.
84-005186
Kelly, T. C.
84-004778
84-005039
Kemper, J. B.
84-004031
Kendall, Marion D.
84-004540
Kendall, Ronald J.
84-004651
84-004652
Kennard, W. C.
84-003128
Kennedy, C. E.
84-003021

- Kennedy, E. A.
  - 84-003146
  - 84-003147
- Kennedy, John H.
  - 84-005544
- Kennedy, M. L.
  - 84-003558
- Kennedy, Michael L.
  - 84-003903
  - 84-004122
- Kennedy, Paul
  - 84-004773
- Kennedy, Phyllis K.
  - 84-003950
  - 84-004122
- Kennedy, Robert S.
  - 84-005176
- Kennelly, J. J.
  - 84-003739
- Kent, Cheri G.
  - 84-005973
- Kent, T. H.
  - 84-005048
- Kentish, Barry J.
  - 84-004391
- Kenward, Robert E.
  - 84-005312
- Kenyon, Karl W.
  - 84-003428
- Kerley, G. I. H.
  - 84-004037
- Kerr, A. J.
  - 84-003303
- Kerr, Ian
  - 84-005313
- Kerr, J. B.
  - 84-003762
- Kershaw, G. Peter
  - 84-003221
- Kesava Rao, A. V. R.
  - 84-003162
- Keskpaik, Juri
  - 84-004543
- Ketterson, Ellen D.
  - 84-005545
  - 84-005546
  - 84-005594
- Kettle, W. Dean
  - 84-003467
- Khan, M. S.
  - 84-005974
- Khan, Mohammad Ali Reza
  - 84-005314
- Kharin, V. E.
  - 84-005975
- Kharitonov, S. P.
  - 84-005049
- Khayutin, S. N.
  - 84-005547
- Kick, S. A.
  - 84-003625
- Kiepenheuer, Jakob
  - 84-004604
- Kilpi, Mikael
  - 84-005050
  - 84-005051
  - 84-005052
- Kimani, James Kirumbi
  - 84-004293
- Kimball, John
  - 84-004098
- Kimsey, Robert
  - 84-006080
- Kimura, Makoto
  - 84-004049
- Kincaid, W. Bradley
  - 84-003056
  - 84-003807
- King, Andrew P.
  - 84-005432
- King, B. R.
  - 84-005218
- King, Barry F.
  - 84-004294
- King, Bernard
  - 84-004687
  - 84-005053
- King, C. M.
  - 84-003956
  - 84-003957
- King, D. Philip
  - 84-005712
- King, James R.
  - 84-005548
  - 84-005591
- King, John A.
  - 84-003808
- King, Kirke A.
  - 84-003518
- Kingsford, R. T.
  - 84-004821
- Kinney, Mark P.
  - 84-004179
- Kirby-Smith, William W.
  - 84-003222
- Kirkham, I. R.
  - 84-005227
- Kirkland, Carol J.
  - 84-003958
- Kirkland, Gordon L., Jr.
  - 84-003519
  - 84-003958
- Kirkman, Roger L.
  - 84-004435

Kirkpatrick, Roy L.
84-003521
84-004134
84-004712
Kirkwood, James K.
84-004295
Kistner, T. P.
84-004116
Kitchener, D. J.
84-005967
Kitto, G. B.
84-005462
Kivanc, E.
84-003809
Kiziroglu, Ilhami
84-005549
Kjos-Hanssen, Bjorn
84-004658
Klaas, Erwin E.
84-003049
Klapste, Jaroslav
84-005315
Klapste, Peter
84-005315
Klauber, Laurence M.
84-005976
Klaver, Robert W.
84-004237
Klemens, Michael W.
84-005977
Klenner, W. E.
84-004031
Klevezal, G. A.
84-003683
84-004038
Kleypas, J. A.
84-003146
84-003147
Klimanova, L'ubica
84-003396
Klimstra, W. D.
84-003939
Klinda, Jozef
84-003129
Klinger, P. L.
84-003186
Klochkov, D. V.
84-003959
Kloot, Tess
84-005713
Klose, Alfred
84-005550
Klump, G. M.
84-005551
Knapton, R. W.
84-005552
Knauer, Dean F.
84-004472
Kneitz, G. Ch.
84-003223
Knight, J. A.
84-005211
Knight, James E.
84-003878
84-005978
Knight, Richard L.
84-005316
84-005325
Knight, Robert A.
84-004163
Knights, Chris
84-004562
Knittle, C. Edward
84-005400
Knopf, Hans-Jurgen
84-005055
Knowlton, Frederick F.
84-003879
Knox, Alan
84-005553
Kobor, Gyorgy
84-003764
Kocan, A. A.
84-004197
Koch, Donald B.
84-003929
Kock, Dieter
84-003472
Kodolova, O. P.
84-005823
Koenig, D.
84-004490
Koenig, Walter D.
84-005714
84-005730
Koeppl, J. W.
84-003052
Koerkamp, Geert Groot
84-005054
Koh, H. S.
84-003810
Kojima, Kenji
84-005715
Kokordak, Jan
84-003036
Kokubo, Katsuaki
84-003070
Kolstad, Morten
84-004717
Konigstedt, Dietmar
84-005223
84-005541
Konstant, William
84-004296
Konstant, William R.
84-004307

Koopman, Karl F.
84-003612
Kopan, R.
84-005979
Kopf, Virgil Eugene
84-004123
Korhonen, H.
84-003880
Korhonen, Hannu
84-003881
Korol, Jerome J.
84-005716
Korpimaki, Erkki
84-005317
84-005318
Korvin-Pavlovskaya, E. G.
84-004544
Kosonen, Lasse
84-004688
Koster, S. H.
84-004473
Kosuge, Masao
84-004170
Kotak, V. C.
84-005816
Kotiaho, Jussi
84-004158
Kotler, Burt P.
84-003684
Kovac, Stefan
84-003224
Kovacs, G.
84-003655
Kovacs, Zsolt
84-003050
84-003491
84-004200
Koval'chuk, E. S.
84-003811
Kowalski, Michael P.
84-005554
Kozak, Michal
84-003130
Kraft, Richard
84-003473
Kramer, Augustin
84-004886
Kramer, Gary W.
84-003304
Kramer, Howard Gary
84-005555
Kranendonk, Herman Jan
84-004005
Kratzing, Jean E.
84-003547
Kraus, H. J.
84-003613
Krawczuk, Anna
84-003569
Krebs, John R.
84-005441
Kress, Annetrudi
84-003570
84-003571
Kress, Stephen W.
84-005229
Krevat, D.
84-003707
Kriel, F.
84-005239
Krishnaprasadan, T. N.
84-005816
Kroeze, W. K.
84-003685
Krogman, Bruce D.
84-004039
Kroodsma, Donald E.
84-005556
Krott, Peter
84-003960
Kroustrup, Jens Peter
84-003868
Kruger, Siegfried
84-005055
Kruse, Kipp C.
84-005815
Krynitsky, Alexander J.
84-003514
84-004643
84-004648
Krzyskowiak, Alfred H.
84-004653
Kucera, Emil
84-003520
Kucera, Thomas E.
84-004124
Kudaktin, A. N.
84-003860
Kufeld, Roland C.
84-003397
Kuipers, Janet
84-004005
Kul'minskaya, A. S.
84-004544
Kullapere, Arvo
84-004856
Kumar, T. Rajendra
84-005816
Kumar, Vinod
84-005557
Kumari, Erik
84-003398
84-004857
Kumari, Saroj
84-003805

Kummer, Johannes
84-005558
Kuncova, Jaromira
84-003131
Kunz, Thomas H.
84-003603
84-003614
Kurechi, Masayuki
84-004901
Kuresoo, Andres
84-004474
Kurian, Thomas
84-005817
Kuroda, Nagahisa
84-004871
84-005219
Kurta, Allen
84-003607
Kus, Barbara E.
84-004689
Kushlan, James A.
84-005559
Kuttler, K. L.
84-004088
Kuusela, Seppo
84-004451
Kuznetsov, G. V.
84-003481
Kuznetsova, I. A.
84-003796
Kuznetsova, T. G.
84-005818
Kvam, T.
84-003908
La Marca, Enrique
84-005819
84-005820
LaBastille, Anne
84-004918
Lachiver, F.
84-003777
Ladino, Anthony
84-004662
Laird, William E.
84-002995
Laitinen, Matti
84-004172
Lajtha, Abel
84-003764
Lake, P. E.
84-004392
Lal Mohan, R. S.
84-004040
Lal, S. S.
84-003530
Lamb, Martha C.
84-005980
Lamb, Robert W.
84-003305
Lamberti, L.
84-004331
Lambertsen, Richard H.
84-004050
Lampe, R. P.
84-003493
Lampio, Teppo
84-003960
84-004796
Lance, Valentine
84-005939
Lancia, R. A.
84-003746
84-003749
Landis, Wayne G.
84-005980
Landry, Philippe
84-003282
84-003283
Lane, Norah
84-004380
Lane, Robert S.
84-003529
Lane, S. G.
84-004393
84-004475
84-005220
Lang, Ernst M.
84-004215
Lange, Kenneth I.
84-004476
Langenau, E. E., Jr.
84-003364
Langridge, H. P.
84-005560
Langridge, Howard P.
84-005241
Langslow, Derek R.
84-004782
Lankester, Murray W.
84-003961
Lanyon, Scott M.
84-005635
Lanyon, Wesley E.
84-004477
84-005561
Lark, R. M.
84-004359
Larner, YuLee R.
84-004755
Larouze, B.
84-004297
Larrouy, G.
84-004261
Larsen, Bjorn B.
84-004705

...CONTINUED...
Larsen, Bjorn B.
  84-004717
Larson, Allan
  84-005821
Larson, J. S.
  84-003750
Lasley, B. L.
  84-004361
Lassiter, Ray R.
  84-003225
Laugksch, R. C.
  84-005204
Laundre, John W.
  84-003494
  84-003882
  84-003883
Laurie, Pete
  84-005717
Laursen, K.
  84-003399
Laursen, Karsten
  84-003400
  84-004774
LaVal, Richard K.
  84-003513
Lavigne, D. M.
  84-004065
Lavrov, L. S.
  84-003751
Lavsund, S.
  84-003752
Lawlor, Timothy E.
  84-003495
Lawrence, B. D.
  84-003625
Lawrence, K.
  84-005981
  84-005982
Lawton, R. M.
  84-003401
Laycock, Pamela A.
  84-005249
Laycock, W. A.
  84-003402
Lazell, James D., Jr.
  84-003656
  84-003962
Le Bras, J.
  84-004297
Leach, R. M., Jr.
  84-003194
Leamy, Larry
  84-003763
Leask, L. E.
  84-003382
Leatherman, Stephen P.
  84-003403
Leberman, Robert C.
  84-004605
Leck, Charles
  84-005056
Leck, Charles F.
  84-004478
Leckie, R. M. C.
  84-004357
Leddy, Linda E.
  84-005018
Lee, John
  84-003229
Leff, L. G.
  84-005822
Lefor, M. W.
  84-003128
LeGrand, Harry E., Jr.
  84-004479
  84-004902
Lehman, J.
  84-003388
Lehman, Paul
  84-004903
Lehman, Robert N.
  84-005365
Leibl, Franz
  84-005319
Leibowitz, Scott G.
  84-003105
Leipoldt, M.
  84-003664
Leishman, A. J.
  84-004606
  84-004607
  84-004608
  84-004609
  84-004610
Lekagul, Boonsong
  84-003404
Leleux, John
  84-003518
Leman, P. A.
  84-004010
Lemke, Thomas O.
  84-003618
Lenarz, Mark S.
  84-004107
Lenfesty, Charles D.
  84-002996
Lennartz, Michael Robert
  84-005718
Lensink, Bart M.
  84-004005
Leonard, M. L.
  84-003615
  84-003616
Leskovjanska, Anna
  84-003132

Lessells, C. M.
  84-005057
Leta, L. D.
  84-005328
Levison, M.
  84-005079
Lewartowski, Zenon
  84-005058
  84-005059
Lewis, C. E.
  84-003003
Lewis, D. J.
  84-005323
Lewis, David B.
  84-005186
Lewis, R. W.
  84-004304
Lewis, Richard A.
  84-004706
Lewis, Stephen J.
  84-004654
Liberg, Olof
  84-003198
Liddy, John
  84-005562
  84-005563
  84-005564
Lightbody, Jill P.
  84-003812
  84-004858
Ligon, David J.
  84-004563
Lill, Alan
  84-005221
  84-005724
Lilley, T.
  84-005983
Lillywhite, Harvey B.
  84-006023
  84-006033
Lima-Verde, J. S.
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  - 84-006007
- Nelson, David H.
  - 84-004920
- Nelson, Douglas A.
  - 84-005091
- Nelson, J. B.
  - 84-004382
- Nelson, Lewis, Jr.
  - 84-003840
- Nelson, Michael E.
  - 84-003538
- Nelson, R. A.
  - 84-003918
- Nelson, R. Wayne
  - 84-003086
  - 84-003140
  - 84-005336
- Nelson, William F.
  - 84-006008
- Neogi, S.
  - 84-004100
- Nero, Robert W.
  - 84-004570
- Nesbitt, Stephen A.
  - 84-005092
  - 84-005173
- Nettles, V. F.
  - 84-004113
- Nettleship, D. N.
  - 84-004944
- Nevo, E.
  - 84-003562
- Newhouse, D.
  - 84-004490
- Newlon, M.
  - 84-004490
- Newman, D. G.
  - 84-003204
- Newman, Gerry
  - 84-004743

Newsome, A. E.
84-003891
Newton, I.
84-005337
Newton, I. P.
84-004491
Ney, John J.
84-003521
Nguyen Van Sang
84-005933
Nicholls, R. J.
84-005731
Nichols, James D.
84-003060
Nichols, O. G.
84-003418
Nichols, Valinda Ann
84-006009
Nichols, William F.
84-004816
Nicholson, Charles P.
84-005093
84-005592
84-005593
Nicholson, J. K.
84-004657
Nicol, S. C.
84-006010
Nicoll, M.
84-005149
Nielsen, Olafur Karl
84-005338
Nieminen, Mauri
84-004171
84-004172
Niemitz, Carsten
84-004306
84-004313
Nifong, Timothy D.
84-003141
Nilson, Goran
84-006011
Nilsson, Ingvar N.
84-003198
Nilsson, L.
84-003419
Nimir, Mutasim Bashir
84-003312
Nisbet, Ian C. T.
84-004643
84-004690
84-005094
Nishida, Toshisada
84-004314
Nixon, Wendy A. C.
84-004173
Noble, D. G.
84-005004
Nogami, Yasuo
84-004315
Nol, Erica
84-005095
Nolan, Val, Jr.
84-005545
84-005546
84-005594
Nolin, David
84-005335
Nores, Manuel
84-004492
Norheim, Gunnar
84-004658
Norman, F. I.
84-004868
Norman, Gary W.
84-004651
84-004712
Norman, S. C.
84-005595
North, Steven
84-003080
Northcote, E. Marjorie
84-004905
Norton, D. W.
84-004691
Norton, David W.
84-005096
84-005097
Norton, Robert L.
84-006007
Novellie, P. A.
84-004223
Nowak, Eugeniusz
84-004869
Noyce, Karen
84-003919
Nozawa, Yoshinori
84-004232
Nuckle, Jacques R.
84-003725
Nudds, Thomas D.
84-004870
84-004882
Numachi, Ken-ichi
84-004871
Nussbaum, Ronald A.
84-005775
Nuttall, P. A.
84-004778
Nutting, W. B.
84-003816
Nygren, Kaarlo
84-004158
Nyholm, Erik
84-003789

Nyundo, Ramadhani
84-004345
O'Brien, Constance M.
84-004224
O'Brien, James P.
84-003803
O'Connor, Edmund F.
84-004051
84-004052
O'Connor, Sheila M.
84-004286
84-004287
O'Farrell, T. P.
84-003213
O'Hara, Richard K.
84-005774
O'Shea, Thomas J.
84-004016
O'Sullivan, K.
84-005039
Oatley, T. B.
84-005499
Obenberger, Susan M.
84-004842
Ochoa G., Jose
84-003622
Ochrymowych, Christina
84-004050
Ockenfels, Richard A.
84-003484
Odell, D. K.
84-004059
Oderwald, R. G.
84-003043
Oechel, W. C.
84-003420
Ogilvie, M. A.
84-004798
84-004799
84-005201
Ogle, C.
84-003087
Ogunji, S. O.
84-004746
Ohi, T.
84-004316
Ohlen, Donald O.
84-003007
Ohmart, R. D.
84-004512
Ohmart, Robert D.
84-003871
Ojanen, Mikko
84-005596
Okaeme, N. A.
84-003142
Okazaki, Taro
84-005767
...CONTINUED...
Okazaki, Taro
84-005836
Okill, J. D.
84-005339
Okoniewski, Joseph C.
84-003892
Oksanen, T.
84-003969
Okunev, L. P.
84-003479
Olafsson, Erling
84-005098
Olalla P., Manuel
84-005693
Oldemeyer, John L.
84-003421
Oldfield, M.
84-003593
Oldland, William
84-006031
Oliver, John S.
84-004051
84-004052
Oliver, R. E.
84-004174
Oliver, William L. R.
84-004286
84-004287
Olmo, Ettore
84-006012
Olmsted, Ingrid
84-003143
Olsen, Jerry
84-005340
84-005341
Olsen, Klaus Malling
84-004757
Olsen, Penny
84-005340
Olsen, Penny D.
84-005341
Olson, C. E., Jr.
84-003135
Olson, John B.
84-004493
Olson, Storrs L.
84-005597
Omariev, T. I.
84-003795
Ondov, D.
84-003025
Onitake, Kazuo
84-005829
84-005830
Oosterveld, P.
84-003658
Orell, Markku
84-005598

Oren, David C.
  84-004494
Orihel, Thomas C.
  84-003648
Orlov, G. I.
  84-003659
Osborn, D.
  84-004636
  84-004657
  84-004659
Osborne, David R.
  84-005099
  84-005100
Oshida, P. S.
  84-003230
Ostroumova, T. V.
  84-005874
Oswald, E. T.
  84-003422
Otsu, Mariko
  84-004901
Otte, D. K.
  84-003182
Ottenberger, Klaus
  84-005342
Ottenheimer, Martin
  84-003256
Otto, James E.
  84-004921
Otto, Mark C.
  84-003063
Ovsyannikov, N. G.
  84-003861
Owens, D.
  84-006013
Owens, Delia D.
  84-004008
Owens, Mark J.
  84-004008
Oxenford, C. J.
  84-003542
Oxford, P. J.
  84-005934
Oza, G. M.
  84-003992
Packard, Gary C.
  84-006014
Packard, Jane M.
  84-003893
Packard, Mary J.
  84-003194
  84-006014
Packard, Mary Johnson
  84-003192
Packer, Craig
  84-003993
Page, Gary W.
  84-004689

...CONTINUED...
Page, Gary W.
  84-005102
Page, R. E.
  84-003539
Pages, Elisabeth
  84-004317
Pages, T.
  84-005408
Paget, John M.
  84-005103
Paiva do Nascimento, Francisco
  84-006034
  84-006035
  84-006036
  84-006037
Palacios Alberti, B.
  84-004600
  84-004613
Palacios, B.
  84-004614
Palacios, F.
  84-003660
Palacios, L.
  84-005408
Pallaud, Berthille
  84-004318
Palma, Ricardo L.
  84-005230
Palmer, N. G.
  84-005271
Palmer, William L.
  84-004118
Palmgren, Jorgen
  84-004496
Palmisano, J. F.
  84-003970
Palomeque, J.
  84-005408
Panagis, K.
  84-004053
Panduranga, G. L.
  84-003996
Panigraphy, B.
  84-005732
Pankakoski, Erkki
  84-003755
Papenfuss, Theodore J.
  84-005837
Parasharya, B. M.
  84-005089
Parish, L. M.
  84-003454
  84-003455
  84-003457
Park, A. B.
  84-003423
Parker, G. R.
  84-003994

...CONTINUED...
Parker, G. R.
84-003995
Parker, S. A.
84-005599
Parker, Shane A.
84-005733
Parker, T. A. III
84-004575
Parker, Theodore A. III
84-005600
Parkes, J. G. M.
84-003461
Parkes, Kenneth C.
84-005473
84-005597
Parmenter, C. J.
84-005984
Parmenter, Robert R.
84-003088
Parnell, James F.
84-004595
84-005139
Parr, M. J.
84-005572
Parrish, John W.
84-004571
84-004571
Parslow, J. L. F.
84-004660
Parson, John W.
84-003279
Parsons, David J.
84-003354
Parsons, John W.
84-003274
84-003275
84-003276
84-003277
84-003278
84-003280
Pascual, Xavier
84-005838
Pasquier, Roger
84-004497
Passmore, N. I.
84-005782
Patenaude, F.
84-003756
Paterson, Andrew M.
84-004773
Patmore, Hazel
84-004380
Patrick, W. H., Jr.
84-003233
Patriquin, D.
84-003988
Pattee, Oliver H.
84-004642

...CONTINUED...
Pattee, Oliver H.
84-004661
Patten, Samuel M., Jr.
84-005096
84-005097
Patton, David R.
84-003734
Patton, James L.
84-003497
Paull, David E.
84-005601
Pav, Denise I.
84-005831
Payne, Neil F.
84-003757
84-003899
Payne, Robert B.
84-005602
Payson, T. E.
84-003022
Peacock, S. Lance
84-003133
84-003134
84-003144
84-003145
Peakall, David B.
84-004668
Pearce, B. J.
84-005401
Pearson, Anita K.
84-003499
Pearson, D. J.
84-004588
84-005104
Pearson, David L.
84-004498
Pearson, H. A.
84-003003
Pearson, Oliver
84-003498
Pearson, Oliver P.
84-003499
84-003820
Pecina, Pavel
84-003089
Peck, M. K.
84-004465
Pedersen, P. F.
84-004951
Pedersen, Sverre
84-004175
Peek, James M.
84-003030
84-004176
Peirce, M. A.
84-004678
84-005603

...CONTINUED...
Peirce, M. A.
84-005604
84-006015
Pellew, R. A.
84-004089
Pellew, Robin A.
84-004225
Penak, Brenda L.
84-005343
Pengilly, Douglas
84-003894
Penna, M.
84-005839
Penry, E. H.
84-004499
Penzhorn, B. L.
84-004226
Pequegnat, L. H.
84-003146
84-003147
Pequegnat, W. E.
84-003146
84-003147
Percival, S. M.
84-005041
Pereira Sieso, P.
84-004797
Perera Puga, Antonio
84-006041
Perez Alonso-Geta, Antonio
84-005344
Perkins, Michael W.
84-005345
Perret, Jean-Luc
84-006016
Perret, Martine
84-004319
Perrin, W. F.
84-004084
Petenusci, S. O.
84-005923
Peters, Wm. David
84-005734
Petersen, Aevar
84-004500
Peterson, A. Townsend
84-005100
84-005105
Peterson, C. J.
84-003423
Peterson, Gary W.
84-003486
Peterson, J. A.
84-006017
84-006018
Peterson, Jane A.
84-006019
Peterson, Jon
84-005076
Peterson, R. L.
84-003637
84-003810
Peterson, R. O.
84-003476
84-003539
Petranka, James W.
84-005840
Petrich, C.
84-003436
Petrik, Matej
84-003148
Petrusewicz, Kazimierz
84-003821
Petryna, Andrzej
84-004418
Petter, Annie J.
84-005878
Pettersson, Jan
84-005377
84-005605
Pettigrew, J. D.
84-005258
Pettit, Ted N.
84-005106
84-005206
84-005231
Pfaffenberger, G. S.
84-003573
84-005346
Pfeifer, Charles
84-005735
Pfister, Hans Peter
84-004481
Pfister, R.
84-003025
Philip, Cornelius B.
84-006020
Philips, H. L.
84-005710
Phillips, Michael K.
84-003895
Phillips, N. J.
84-004501
Phillipson, John
84-003227
84-003822
Phipps, G. L.
84-003228
Pichoud, C.
84-003707
Pickering, Q. H.
84-003228
Pickett, Charles
84-005354

Picman, Jaroslav
  84-004572
Pidgeon, Guy L.
  84-003900
Piela, Theresa H.
  84-004677
Piella, Carmen Bach
  84-004522
Pienkowski, M. W.
  84-005001
  84-005107
  84-005108
Pienkowski, Michael W.
  84-005109
Pierce, M. A.
  84-004679
Piersma, Theunis
  84-004922
  84-005110
Pietruszka, Robert D.
  84-005930
Pike, J. R.
  84-005903
Pilgrim, Robert L. C.
  84-005230
Pillai, K. Madhaven
  84-004009
Pilleri, Georg
  84-004054
Pilon, Christian
  84-005232
Pils, Charles M.
  84-004128
Pimm, Stuart L.
  84-003188
Pinshow, Berry
  84-004721
  84-004734
  84-005436
  84-005436
Pirkola, Matti K.
  84-004906
Pistole, David Hollis
  84-003623
Pitelka, F. A.
  84-005111
Pitelka, Frank A.
  84-003792
  84-005730
Pitler, Robert
  84-003079
Pitts, Richard M.
  84-003500
Pitts, T. David
  84-005593
  84-005606
Pivorun, Edward B.
  84-003839
Planas, J.
  84-005408
Plant, Kay
  84-005736
Plantenberg, P.
  84-003424
Platt, Thomas R.
  84-006021
Platts, William S.
  84-003061
Plummer, Doug
  84-004502
Plummer, Michael V.
  84-005997
Podoll, Erling B. (Punch)
  84-003090
Podor, M.
  84-004738
Poglayen-Neuwall, Ivo
  84-006022
Pohl, Hermann
  84-003726
Polacheck, Tom
  84-004055
Poley, Dieter
  84-003062
Pollock, Kenneth H.
  84-003060
  84-003063
Polson, Sheila
  84-004177
Polyanskaya, I. B.
  84-005823
Ponzio, B. J.
  84-004304
Pook, A. G.
  84-004320
Pook, G.
  84-004320
Poole, Joyce H.
  84-004361
Poole, W. E.
  84-003550
Poole, W. S.
  84-004174
Poole, W. S. H.
  84-004149
Pories, Carolyn A.
  84-003008
Port, Jonathan D.
  84-004098
Porter, Elizabeth A.
  84-004585
Porter, R. F.
  84-004615
Porter, Richard H.
  84-003823

Portlock, H. F.
84-003374
Porton, Ingrid
84-003896
Post, D. F.
84-003011
Post, William
84-005535
Potgieter, F. T.
84-004086
Potter, Eloise F.
84-005607
Pough, F. Harvey
84-005857
84-005859
84-006023
Pow, I.
84-004713
Powell, David J.
84-004402
84-004503
84-004504
Powell, Diane
84-003824
Powell, R. A.
84-003971
Powers, Arnold L.
84-006046
Powers, K. D.
84-004779
Powers, Leon R.
84-005347
84-005352
Powlesland, R. G.
84-005608
Powlick, George Dennis
84-006024
Powne, Jeremy D.
84-005409
Poysa, Hannu
84-004495
84-005101
Prakash, Ishwar
84-003805
Prasolov, A. I.
84-003959
Pratt, H.
84-003562
Pratt, Thane K.
84-004505
84-004573
Pratt, Thane Kastle
84-004377
Precht, W.
84-005754
Prentice, C.
84-004656
Prescott, Jacques
84-003712
Prescott, Kenneth W.
84-005610
Press, Malcolm
84-003229
Preston, Ivor
84-004506
Preston, Michael J.
84-006052
Preuss, Niels Otto
84-004907
Preuss, Todd M.
84-004321
Preusse, Claus
84-004227
Prewitt, Charles G.
84-003425
Price, Edward O.
84-003205
Price, F. E. F.
84-003827
Price, Frank E.
84-005611
Price, N. F.
84-003374
Price, Trevor D.
84-005612
84-005613
Prince, Harold H.
84-004854
Principe, Penny I.
84-005308
Prip, Mogens
84-004800
Prothero, John
84-003508
Prouty, Richard M.
84-004674
Provancha, Jane
84-006025
Provancha, M. J.
84-006025
Prove, Ekkehard
84-005609
Pruett-Jones, Melinda
84-005614
Pruett-Jones, Stephen
84-005614
Ptacek, James A.
84-004571
84-004571
Ptaszyk, Jerzy
84-004546
Pucek, Michalina
84-003004
Pugsley, S. L.
84-005211

AUTHOR INDEX

Puleo, Stephanie G.
84-004322
Pulkkinen, Markku
84-005112
Pullen, Tom, Jr.
84-004750
Pulliainen, Erkki
84-003920
84-004739
Punzo, Fred
84-005861
Purdue, James R.
84-004129
Pursey, J. F.
84-005509
Pusey, Anne E.
84-003993
Pyke, Graham H.
84-004397
Pythal, C.
84-004009
Qi Zhengwu
84-006069
Qian Guozhen
84-003688
Quere, J.-P.
84-004138
Querner, Ulrich
84-004589
Quick, Debra L. Forthman
84-003064
Quilliam, Helen R.
84-004616
Quinn, Hugh R.
84-006026
Quinn, Ronald D.
84-003426
Quinney, Terry E.
84-005113
Rabol, Jorgen
84-004617
84-004618
Racey, P. A.
84-003578
Racine, Richard N.
84-005410
Racy, Jeffrey L.
84-003641
Radford, A. P.
84-003206
84-005411
84-005615
Radke, L. L.
84-003372
Radkiewicz, Jozef
84-004403
Radtke, Robert E.
84-005616
Raffaele, Herbert Anthony
84-004507
Raghavan, R.
84-003996
Ralph, C. John
84-004508
84-005673
Ramachandra, R. N.
84-003996
Ramani, Raja V.
84-003427
Ramsay, E. C.
84-004197
84-004361
Ramsey, Ed
84-003184
Rand, A. Stanley
84-005843
84-006027
Randall, R. M.
84-005115
Randik, Aladar
84-005114
Randla, Tiit
84-004872
Raphael, Martin G.
84-003727
84-004509
Rapley, W. A.
84-003930
Rapp, Stephen R.
84-005348
Rastogi, R. K.
84-005841
Ratcliffe, Laurene M.
84-005617
84-005618
Ratermann, Mary M.
84-003005
Rathbun, Galen B.
84-003574
Ratti, John T.
84-004923
Rattiste, Kalev
84-005116
Rausch, R. L.
84-003898
Rauzon, Mark J.
84-003428
Ravie, O.
84-004392
Rawlings, N. C.
84-004156
Raya Gomez, Concepcion
84-004523
Raye, Susan St. Clair
84-004722

Read, A. J.
84-004061
Reagan, Douglas P.
84-003208
Recher, Harry F.
84-004389
Redfern, Christopher P. F.
84-005117
Redford, Kent Hubbard
84-004574
Redmond, Roland L.
84-005118
Reed, Austin
84-005119
Reed, M.
84-005233
Reed, T. M.
84-004510
84-005120
84-005121
84-005122
84-005170
Reed, William J.
84-003065
Rees, P. S.
84-004362
Rehder, Nancy B.
84-005349
Reich, Lawrence M.
84-003825
Reichardt, Paul B.
84-003661
Reichel, W. L.
84-004646
Reichelt, R. E.
84-003336
Reichenbach, Norman G.
84-006028
Reichholf, Josef
84-005123
84-005350
Reichholf, Josef H.
84-003091
84-004378
Reichman, O. J.
84-003689
Reid, Brian
84-005694
Reid, H. A.
84-006029
84-006059
Reid, H. W.
84-004713
Reilly, P. N.
84-005234
84-005235
Reinecke, Kenneth J.
84-003049
Reischl, E.
84-006030
Reish, D. J.
84-003230
Remsen, J. V., Jr.
84-004575
84-005520
Renaud, J. M.
84-005842
Renken, Rochelle B.
84-004626
Renno, Olav
84-004511
Renouf, Deane
84-004056
Renous, S.
84-004289
Reuterwall, Christina
84-004155
Reyment, Richard A.
84-003501
Reynolds, John
84-004014
Reynolds, John D.
84-005124
Reynolds, Patricia E.
84-004228
Rhame, Marian L. III
84-006031
Rhine, Ramon J.
84-004275
Rhode Island Department of Environmental Management
84-003149
Rhodenizer, Glen
84-005257
Rhodes, Donald H., Jr.
84-003826
Rhodin, Anders G. J.
84-006032
Rice, J.
84-004512
Rich, Mark S.
84-003997
Richard, P. B.
84-003758
Richards, C. G. J.
84-003827
Richards, G. A.
84-004576
Richards, Harold
84-005619
Richardson, B. J.
84-003038
Richardson, Curtis J.
84-003150
Richter, Wayne
84-005412

Ricklefs, Robert E.
84-004525
84-005125
84-005236
84-005251
84-005413
Ridgway, Sam H.
84-004029
Ridpath, M. G.
84-003485
Riegner, Mark
84-005126
Riera, M.
84-005408
Righetti, A.
84-004178
Rill, Katherine Dorney
84-003023
Ringer, Robert K.
84-003512
84-004724
Rintamaki Hannu
84-004710
Rintamaki, H.
84-004709
Risbridger, G. P.
84-003762
Risser, Paul G.
84-003185
Ritchison, Gary
84-004924
84-005620
Ritke, Mark E.
84-005621
Rivero-Blanco, C.
84-005993
Rivero, H.
84-003912
84-003913
Rivola, Milan
84-003013
Roach, Redford
84-003649
Robbins, Mark B.
84-005520
Robbins, Robert J.
84-003040
Robel, Robert J.
84-003257
84-005376
Robert, J.-C.
84-005622
Roberts, D.
84-003025
Roberts, Donald
84-004873
Roberts, Johnna B.
84-006033
Roberts, Juliet R.
84-004727
Roberts, P. J.
84-005127
Roberts, R. Michael
84-003946
Roberts, Thomas H.
84-005128
Robertson, J. S.
84-005623
Robertson, Raleigh J.
84-004876
Robertson, William B., Jr.
84-003143
Robiller, Franz
84-005129
Robinson, Barbara
84-004380
Robinson, C. J.
84-003014
Robinson, M. H.
84-003662
Robinson, P. J.
84-005201
Robinson, R. M.
84-004217
Robinson, T. J.
84-003663
Robinson, William S.
84-003240
Robson, C. R.
84-005572
Roby, D. D.
84-005227
Roby, Daniel D.
84-005236
Rodenhouse, Nicholas L.
84-005624
Rodhain, F.
84-004297
Rodrigues da Cunha, Osvaldo
84-006034
84-006035
84-006036
84-006037
Rodriguez, Gustavo A.
84-003258
Roeding, Cheryl
84-005899
Roetker, Fred
84-004801
84-004908
Rogers, Lynn L.
84-003921
84-003922
Rohrer-Ertl, Olav
84-004323

Rohrs, Manfred
  84-003897
Rojas, N. N.
  84-005957
Roldan, E. R. S.
  84-003815
Roller, N. E. G.
  84-003059
Rollins, Dale
  84-003429
Romero, Victor J.
  84-003620
Rood, Jon P.
  84-003259
Roosa, D.
  84-004490
Roosa, D. M.
  84-004460
Root, David A.
  84-003899
Rosatte, R. C.
  84-003972
Roselaar, Kees
  84-004946
Rosenberg, Martin J.
  84-006038
Rosero, J. F.
  84-005346
Rosi, Maria I.
  84-003828
Ross, R. Kenyon
  84-004874
Roth, Gerhard
  84-005824
Roth, H. U.
  84-003923
Rothery, P.
  84-004711
Rothstein, Stephen I.
  84-005414
Rotterman, Lisa Mignon
  84-005415
Roughgarden, Jonathan
  84-003066
Roundy, Bruce A.
  84-003430
Rourke, Arthur W.
  84-003946
Roush, T. H.
  84-003228
Rousseau, Muriel
  84-003829
Rowe-Rowe, D. T.
  84-003854
Rowe, Richard A.
  84-004802
Rowland, Mary M.
  84-004188
Rowlett, Richard A.
  84-005262
Rubsamen, K.
  84-003551
  84-003552
Rubsamen, U.
  84-003551
Rubsamen, Ulrike
  84-003552
Rudnai, Judith A.
  84-003998
Ruesch, K. J.
  84-003431
Rugh, David J.
  84-004039
Ruhme, Dick
  84-004410
Ruiz-Carranza, Pedro M.
  84-005825
Ruiz, A. Franco
  84-004613
Rumbaugh, M. D.
  84-003313
Rumiz, Damian I.
  84-005130
Rummel, John D.
  84-003066
Russell, D. E.
  84-003432
Russell, Robert P., Jr.
  84-005131
Ryan, Michael J.
  84-005843
Rybar, Petr
  84-003092
Ryder, John P.
  84-004947
  84-005132
Ryder, P. Lynn
  84-005132
Ryder, Ronald A.
  84-004752
Rylander, Michael Kent
  84-004513
Ryman, Nils
  84-004155
Saari, Lennart
  84-004758
Saboureau, M.
  84-003575
Sabourin, T. D.
  84-003231
Saburi, Takashi
  84-004282
Sack, George C.
  84-006070
  84-006072

...CONTINUED...
Sack, George C.
84-006073
Sadykov, O. F.
84-003795
Saez-Royuela, C.
84-004520
Safriel, U. N.
84-005019
Safriel, Uriel L.
84-005133
Saha, S. G.
84-006039
Sahin, Rustu
84-004740
Saidapur, S. K.
84-005817
Sakai, Howard F.
84-005416
Sakai, Tatsuo
84-003553
Saldivia, Andres
84-005160
Sallaberry, M.
84-005088
Salmon, D. G.
84-004780
Salmon, Terrell P.
84-003260
Salomon, Julian Harris
84-003433
Salter, R. E.
84-004324
Salvador, Sergio A.
84-005417
Salwasser, Hal
84-003093
Salzburg, Mark A.
84-006040
Sampedro Marin, Alcides
84-006041
Samson, Fred B.
84-004654
Samuel, David E.
84-005140
84-005288
Samuels, William B.
84-004662
San Miguel Ayanz, A.
84-005418
Sandell, M.
84-003973
Sanders, Kenneth D.
84-003434
Sands, J. J.
84-003728
Santos Reis, M.
84-003974
Sanyal, Pranabes
84-003152
Sanz, Carlos
84-003153
84-003154
Sarrazin-Comans, M.
84-003822
Sasayama, Yuichi
84-005844
Sathyanarayana Rao, M.
84-003996
Sauer, Gordon C.
84-004379
Sauer, R. H.
84-003435
Sauls, M. L.
84-003213
Saunders, D. A.
84-005737
Saunders, G. R.
84-004663
Saurola, Pertti
84-005050
84-005051
84-005052
Savage, Arthur
84-003576
Savage, Candace
84-003576
Sawai, Y.
84-006042
Sayer, J. A.
84-003502
Sayer, Jeffrey
84-003314
Scadding, Steven R.
84-005845
84-005846
Scanlan, Charles M.
84-003900
Scanlon, Patrick F.
84-003980
84-003981
84-004134
84-004651
84-004652
Schaefer, Joseph M.
84-003975
Schaefer, Joseph Martin
84-005419
Schaeffer-Novelli, Yara
84-003113
Schaffler, Mitchell B.
84-004266
Schall, Jos J.
84-006043
Scharf, Craig
84-005420

Scharf, William C.
84-005134
Scharringa, Jelle
84-005625
Schaufenbuel, J. P.
84-004460
Schaufenbuel, Joseph P.
84-004626
Scheller, Wolfgang
84-005135
Scherzinger, Wolfgang
84-005351
Schevill, William E.
84-004057
84-004079
84-004080
Schiemenz, Hans
84-006044
Schlee, Marsha A.
84-005626
Schleidt, Wolfgang M.
84-004728
Schliemann, H.
84-003584
Schliemann, Harald
84-004201
Schluter, Dolph
84-005627
84-005628
Schmalz, Georgann
84-005237
Schmidly, David J.
84-003475
Schmidt, Gerald D.
84-005648
Schmidt, Gunther A. J.
84-004875
Schmidt, J. L.
84-004238
Schmidt, John L.
84-003299
Schmidtler, J. F.
84-005847
Schmidtler, J. J.
84-005847
Schmugge, Thomas J.
84-003012
Schmutz, Josef K.
84-004876
Schneider, David C.
84-004979
Schneider, Dean
84-004877
Schneider, E.
84-003664
Schnitzler, Hans-Ulrich
84-003624
Schnitzler, Hildegard
84-003006
Schock, A. Jewell
84-005629
Schoener, Amy
84-006045
Schoener, Thomas W.
84-003067
84-003094
84-006045
Schofield, Carolyn W.
84-005944
Scholler, R.
84-003890
Schramke, M. L.
84-004197
Schramm, M.
84-005184
84-005238
Schreiber, R. K.
84-003045
Schreiber, Ralph W.
84-004664
Schricke, Vincent
84-004803
Schroeder, Donna J.
84-005630
Schroeder, Hubert E.
84-004325
Schroeder, J. P.
84-004019
Schropfer, R.
84-003830
Schuchmann, Karl-L.
84-005739
84-005747
Schuett, Gordon W.
84-005894
84-005895
Schulenberg, Thomas S.
84-005631
Schuler, Werner
84-004577
Schulman, Steven Robert
84-004349
Schultz, Gary E.
84-003178
Schumacher, Chris M.
84-005632
Schurer, Ulrich
84-005738
Schuster, P.
84-003039
Schwabl, Hubert
84-005567
84-005585
Schwager, Gerold
84-004481

Schwartz, Albert
84-005848
84-005849
Schwartz, Joshua J.
84-005850
Schwegman, John
84-003155
Scialdo-Krecek, Rosina C.
84-004229
Sciple, G. W.
84-004743
Scorup, Peter C.
84-004179
Scott, A. C.
84-003728
Scott, A. Floyd
84-005761
Scott, D. K.
84-004909
Scott, F. R.
84-004514
84-004619
Scott, Grace Workman
84-003831
Scott, M. Douglas
84-004714
Scott, Michelle
84-005960
Scowcroft, Paul G.
84-003540
Scrivner, Jerry H.
84-003901
Scudder, Kent M.
84-006046
Seal, Ulysses S.
84-003482
Searle, J. B.
84-003577
Secoy, D. M.
84-005954
84-005988
Seddon, J.
84-003436
Sedlacek, Kamil
84-003089
Seghers, Benoni H.
84-004835
Seguignes, Michel
84-003832
Seidensticker, John
84-003924
Seip, Dale Roy
84-004230
Seitz, Brigitte
84-005740
Seitz, Ekkehard
84-005740
Sejkora, K. J.
84-003524
Seki, Michael P.
84-005231
Sekulic, Ranka
84-004326
84-004327
84-004328
Sellin, Dietrich
84-005136
Semlitsch, Raymond D.
84-005851
84-005871
84-006047
Sendlein, L. V. A.
84-003437
Senyk, J. P.
84-003422
Senzota, R. B. M.
84-003833
Serbenyuk, M. A.
84-003837
Seva, Eduardo
84-006048
Sever, David M.
84-005852
Severinghaus, W. D.
84-003372
Seymour, Norman R.
84-005304
Shackford, John S.
84-005137
Shahi, S. P.
84-003902
Shallenberger, Robert J.
84-004058
Shane, S. H.
84-004059
Shannon, George
84-005138
Sharland, R. E.
84-004620
Sharma, T.
84-004148
Sharman, M.
84-004263
Sharp, Lee
84-003315
Sharpe, D. M.
84-003045
Sharrow, Steven H.
84-003362
Shartle, Alex
84-005335
Shaughnessy, P. D.
84-004925
Shaw, Harley G.
84-003999

Shaw, Nancy
  84-003310
  84-003316
Shaw, Peter J.
  84-004734
Shelton, Leonard A.
  84-005005
Shelton, P. A.
  84-005196
  84-005198
  84-005239
Shelton, P. C.
  84-003476
Sheng He-Lin
  84-004164
Shepherd, A. J.
  84-004010
Shepherd, D.
  84-005695
Shepherd, K.
  84-004656
Shepherd, R.
  84-005695
Sheppard, D. C.
  84-004113
Sherwood, Steven William
  84-003834
Shields, Gerald F.
  84-004364
Shields, Mark A.
  84-005139
Shimabukuro, Y. E.
  84-003024
  84-003365
Shine, Richard
  84-006049
Shissler, Bryon P.
  84-005140
Shivaprasad, H. L.
  84-003729
Shkolnik, A.
  84-003851
  84-005793
Shofner, William Phillip, Jr.
  84-005853
Short, Henry L.
  84-003095
Short, Jeff
  84-003554
Shugart, Gary W.
  84-005134
Shukuya, Ryoiti
  84-005767
  84-005836
Shultz, D. W.
  84-003232
Shumake, Stephen A.
  84-003690
Siblet, Jean-Philippe
  84-005141
Sibley, Charles G.
  84-005633
  84-005634
  84-005635
Sichkar, N. I.
  84-004396
Sick, Helmut
  84-004515
Sickmeyer, Timothy
  84-004912
Sidis, Israel
  84-003216
Sieber, Johanna
  84-005741
Siegfried, W. R.
  84-004011
  84-004516
Sigmund, K.
  84-003039
Siim, J. Chr.
  84-003679
Siira, Jouko
  84-004804
  84-004805
Silanikove, N.
  84-005793
Silberstein, Mark A.
  84-004052
Silcock, W. R.
  84-004460
Silcock, W. Ross
  84-005142
  84-005421
Sileo, Louis
  84-004647
Silver, Rae
  84-004578
Silverstein, Robert M.
  84-004115
Simberloff, Daniel
  84-003082
Simirskii, V. N.
  84-005854
Simmons, J. A.
  84-003625
Simmons, K. E. L.
  84-005636
Simmons, Lee
  84-003482
Simmons, N. M.
  84-004231
Simms, Eric
  84-005637
Simon, Carol A.
  84-006050

Simonetti, Javier A.
84-003532
Simonsen, Vibeke
84-003560
Simpson, A. E.
84-004329
Simpson, D. M.
84-004621
84-004628
Simpson, G. E.
84-005422
Simpson, J. D.
84-005422
Simpson, M. J. A.
84-004329
Sinclair, J. C.
84-005184
Sincock, John L.
84-005192
Sindelar, B. W.
84-003438
Singh, A. N.
84-003261
Single, Jeffrey Richard
84-003730
Sink, Larry T.
84-002998
Sinkey, L. O.
84-004231
Sipple, William S.
84-003121
Sis, R. F.
84-004304
Sites, J. W., Jr.
84-005993
Siwela, Andrew A.
84-003731
Sixl, W.
84-003238
Skadhauge, E.
84-005698
Skadhauge, Erik
84-004547
Skarphedinsson, Kristinn Haukur
84-005098
Skinner, Robert McEwan
84-004517
Skoog, R. O.
84-003541
Slater, P. J. B.
84-005638
Slattery, Peter N.
84-004051
84-004052
Slavik, Dusan
84-003148
Sleeper, Barbara
84-004060
Sloan, Priscilla A.
84-004049
Slough, Brian
84-003635
Sludskiy, A. A.
84-003835
Sluys, Ronald
84-005639
Smale, Laura
84-003587
Small, Cynthia
84-003824
Smalley, M. E.
84-004518
Smart, N. O. E.
84-004085
Smart, Nick
84-004276
Smathers, Webb M., Jr.
84-003156
Smedley, C. I.
84-005640
Smirnova, N. V.
84-005759
Smith, A.
84-003890
Smith, Alan R.
84-004401
Smith, Andrew T.
84-003665
Smith, Ann
84-004380
Smith, C. J.
84-003233
Smith, Charles F.
84-006051
Smith, Charles H.
84-003503
84-003666
Smith, D. S.
84-004725
Smith, Dwight G.
84-005367
Smith, Edward R.
84-003096
Smith, Erla R.
84-003587
Smith, Fred T. H.
84-005143
84-005144
Smith, G. E. J.
84-003994
84-003995
Smith, G. J. D.
84-004061
Smith, Hobart M.
84-005819

...CONTINUED...
Smith, Hobart M.
84-006046
84-006052
Smith, James D.
84-003606
Smith, James Dale
84-003608
Smith, James N. M.
84-005641
Smith, Joel E.
84-003445
Smith, John C.
84-005352
Smith, Kathleen K.
84-006053
Smith, Loren M.
84-003439
84-004923
Smith, Michael J.
84-005352
Smith, Michael W.
84-005384
Smith, R. W. J.
84-004381
Smith, Richard A.
84-003903
84-003931
84-004878
Smith, Richard G.
84-005642
Smith, Rozella B.
84-006052
Smith, Steven A.
84-006054
Smith, Susan M.
84-005643
Smith, T. D.
84-004062
Smith, W. E.
84-003228
Smith, W. T.
84-003459
Smith, Walter T.
84-003440
Smith, Winston Paul
84-004579
Smithson, Paul C.
84-005963
Smythe, Nicholas
84-003157
Snell, Heiki M.
84-006055
Snell, Howard L.
84-006055
Snell, Richard R.
84-003836
Snider, Carl
84-003691
Snow, Barbara K.
84-005644
Snow, D. W.
84-004382
84-005644
Snow, W. F.
84-003243
Soderholm-Tana, Lena
84-004582
Sofron, Jaromir
84-003015
Soil Conservation Service
84-002999
84-003000
84-003001
84-004130
84-004723
84-004744
Soini, Pekka
84-004330
Sokolov, V. E.
84-003837
Sokolowski, Aleksander W.
84-003158
84-003159
Soler, M.
84-005359
Solomon, Janiece
84-005423
Sonafrank, N.
84-004063
Sorensen, Michael F.
84-004788
Sorensen, O. J.
84-003908
Sorjonen, Jorma
84-005645
Soucy, Leonard J., Jr.
84-005353
Soundararajan, R.
84-004034
Sours, John M.
84-003317
Sousa, Patrick J.
84-005646
Southeastern Forest Experiment Station
84-003441
Southgate, B. J.
84-004089
Soutiere, Edward C.
84-003318
Speight, G. J.
84-005572
Spence, B. R.
84-005145
Spicknall, Jeffrey
84-005354

AUTHOR INDEX

Spiers, Donald E.
84-004724
Spindler, M. A.
84-004910
Spirett, Richard
84-005355
Spurgeon, J. P.
84-005762
St. Aubin, D. J.
84-004019
Staav, Roland
84-005647
Stager, John K.
84-004180
Stagge, B.
84-003754
Stamper, Jeffrey D.
84-005648
Stamps, J. A.
84-006056
Stangel, Peter W.
84-003262
Stanley, Drew D.
84-004049
Stanley, P. I.
84-005298
Stanley, Theodore H.
84-004098
Stanyon, R.
84-004331
Stauffer, Jay R., Jr.
84-005811
Stawarczyk, Tadeusz
84-004519
84-004787
Stearns, Stephen C.
84-006057
Stebbins, Lucius
84-003068
Steele, R.
84-003025
Steele, Robert
84-003016
Steffeck, Donald W.
84-003097
Steffen, James F.
84-005356
Stehlik, Joseph
84-004000
Steiger, D. L.
84-003918
Stein, F. J.
84-004304
Stelfox, John G.
84-004181
Stemmler-Morath, Carl
84-004332
Stenseth, Nils Chr.
84-003098
Stenzel, Lynne E.
84-004689
84-005102
Stephens, Martin L.
84-005146
84-005147
Stephenson, Robert O.
84-003859
Stern, Claudio D.
84-003193
Stern, J. T., Jr.
84-004291
Stern, Jack T., Jr.
84-004296
Stevens, David W.
84-003442
Stevens, E. D.
84-005842
Stevens, Ernest
84-005414
Stevens, R. B.
84-004333
Stevens, Richard
84-003319
Stevenson, Miranda F.
84-004398
84-005240
Stewart, Brent S.
84-004064
Stewart, Margaret M.
84-005855
84-005857
Stewart, R. E. A.
84-004065
Stewart, Robert E.
84-005290
Stewart, Robert E., Jr.
84-004806
Stewart, Robert Edward Arnold
84-004066
Stickel, Lucille F.
84-004665
84-004666
84-004667
Stickel, William H.
84-004665
84-004666
84-004667
Stickle, W. B.
84-003231
Stiles, E. W.
84-003045
Stiles, Edmund W.
84-004573
Stinner, Deborah Hall
84-004781

Stirling, David
84-005649
Stirling, Ian
84-004071
Stockdale, P. H. G.
84-004790
Stockman, Viliam
84-003160
Stoddard, Philip K.
84-005650
Stoddart, L. Charles
84-003667
84-003879
Stokes, John
84-005357
Stokes, Tony
84-005358
Stoll, Robert J., Jr.
84-004131
Stomatopoulos, C.
84-003822
Stone, Catherine Schauss
84-003161
Stoodley, John
84-005742
Storaas, Torstein
84-004705
84-004717
Stormer, Fred A.
84-004726
84-004842
Storr, G. M.
84-006058
Stoskopf, Michael K.
84-004067
Stout, I. Jack
84-003186
Stowe, T.
84-004636
Strahler, A. H.
84-003028
Stralendorff, F. v.
84-004334
Straney, Donald O.
84-003626
Strang, R. M.
84-003391
Strange, Ian
84-003099
Stranzinger, G.
84-003669
Strawinski, Stefan
84-004807
Strayer, F. F.
84-004271
Stringham, Stephen F.
84-003925
Strong, B. W.
84-003668
84-004001
Stroud, A. Neil
84-005432
Stroud, Dennis C.
84-003732
Stroup, Walter W.
84-003680
Stuart, C. T.
84-004012
Stuart, James
84-003787
Stuart, L.
84-003443
Stunzner, D.
84-003238
Sturges, D. L.
84-003385
Stutz, Howard C.
84-003320
Stvolinskaya, N. S.
84-004759
Suarez, F.
84-004520
Subramaniam, A. R.
84-003162
Sueur, Francois
84-005148
Sugardjito, Jito
84-004335
Sugden, Lawson G.
84-003444
Sullivan, Brian K.
84-005856
Sullivan, James Kevin
84-003838
Sultana, Joe
84-004521
84-004622
84-005514
84-005651
84-005652
Summers-Smith, D.
84-005424
Summers, R. W.
84-005149
Sundberg, J. P.
84-003729
Sundquist, C.
84-003976
Suter, Werner
84-004886
Suttie, J. M.
84-004182
Sutton, George M.
84-005425

...CONTINUED...
Sutton, George M.
   84-005743
Sutton, Robert L.
   84-005747
Suzuki, Fumie
   84-003578
Svensson, Soren
   84-005512
Svoboda, Josef
   84-004206
Swango, Larry J.
   84-003900
Swann, R. L.
   84-005653
Swanson, J. David
   84-004179
Swartzman, G. L.
   84-004068
Swedish Environmental Advisory Committee
   84-003234
Sweeney, John R.
   84-004198
   84-004830
   84-005448
   84-005449
Sweigard, Richard J.
   84-003427
Swennen, C.
   84-004972
Swenson, Jon E.
   84-005530
Swigar, Andrew A.
   84-004115
Swindel, Benee F.
   84-003445
Swindler, Daris R.
   84-004336
Switonski, M.
   84-003669
Sych, V. F.
   84-004694
Sykes, Paul W., Jr.
   84-005241
Sykora, Tomas
   84-003151
Sylven, Magnus
   84-003198
Symonds, Fraser L.
   84-004782
Szabo, J.
   84-004337
Tabatabai, Farrokh R.
   84-003904
   84-004878
Taber, Sara M.
   84-004075
Tacha, Thomas C.
   84-005150
Taigen, Theodore L.
   84-005857
   84-005858
   84-005859
Taillard, C.
   84-003069
Tait, Rick
   84-004808
Takahashi, Masaru
   84-004232
Takatsuki, Seiki
   84-004183
Takenaka, A.
   84-004338
Talaveron, Ana Maria Cardenas
   84-004522
Talbot, J. N.
   84-005151
Tallman, Dan A.
   84-005654
Tam, W. H.
   84-003731
Tamai, Kensuke
   84-005836
Tamarin, Robert H.
   84-003825
Tamarkin, Lawrence
   84-003705
Tandan, B. K.
   84-005920
Tankersley, Nancy G.
   84-004184
Tannenbaum, Michael G.
   84-003839
Tapper, Stephen
   84-004715
Tarasov, S. A.
   84-003509
Tarboton, W. R.
   84-005278
Tarr, R. S.
   84-005907
Tarrant, K. A.
   84-003235
Tatner, P.
   84-004542
Tatsukawa, Ryo
   84-003517
Tattersall, Ian
   84-004339
Tay, S. S. W.
   84-004340
Taylor, Don R.
   84-003002
Taylor, Jan R.
   84-003412
Taylor, K. P.
   84-003759

Taylor, P. B.
84-005152
Taylor, Peter
84-005655
Taylor, Robert J.
84-003555
Taylor, Walter Kingsley
84-005656
Tee Es Yoo
84-004069
Teese, Don
84-004427
Teipner, Cynthia Lea
84-003840
Teixeira, Dante Martins
84-005744
Tejero, E.
84-005359
Telfair, Raymond C. II
84-005153
Telfer, Thomas C.
84-005192
Telford, Steven Ralph
84-005860
Tell, Mats
84-005657
Temple, Stanley A.
84-005254
Terborgh, John
84-004341
Terborgh, John W.
84-003100
Terhivuo, Juhani
84-005763
Termaat, Beatrice
84-005132
Terman, C. Richard
84-003841
Terman, Max R.
84-004934
Terrill, Linda S.
84-005658
Terrill, Scott B.
84-005658
Tessier, Gaston D.
84-004945
Testa, Raymond
84-005659
Tetreault, Fred
84-003163
Tew, Ronald K.
84-003017
Tewary, P. D.
84-005660
Tewary, Prabha D.
84-005557
Teyssedre, Anne
84-005154
Thake, M. A.
84-005360
84-005361
84-005362
Thaler, Ellen
84-004716
Theakston, R. D. G.
84-006029
84-006059
Theberge, J. B.
84-003371
Theberge, John B.
84-003877
Theiss, Norbert
84-004998
84-005155
Thibodeaux, H.
84-003164
Thill, R. E.
84-004132
Thimm, Franz
84-005661
Thing, Henning
84-004185
Thomas, C.
84-004969
Thomas, C. J.
84-004988
Thomas, D. W.
84-003627
Thomas, David H.
84-004721
Thomas, Donald W.
84-003628
Thomas, G. J.
84-004660
Thomas, Howard H.
84-003610
Thomas, Jeanette A.
84-004070
84-004071
84-004072
84-004073
84-004074
Thomas, Julia E.
84-003869
Thomas, Margaret G.
84-003446
Thomas, Peter O.
84-004075
Thomas, Robert A.
84-006060
Thomas, V. G.
84-003672
Thompson, Christine Callan
84-003556
Thompson, D. B. A.
84-005156

...CONTINUED...
Thompson, D. B. A.
  84-005157
Thompson, Daniel B.
  84-005443
Thompson, David
  84-005861
Thompson, H. A. F.
  84-005075
Thompson, Nicholas S.
  84-005410
Thomson, Koy
  84-004276
Thonnerieux, Yves
  84-005141
Thorleifsson, Einar
  84-005242
Thornburg, Dennis
  84-004809
  84-004811
  84-004912
  84-004913
Thornburg, Dennis D.
  84-004810
  84-004911
Thorne, E. Tom
  84-004151
Thorstensen, Sverrir
  84-004879
Thurow, Thomas L.
  84-005363
Tiainen, Juha
  84-004623
  84-005662
Tidrick, Thomas H.
  84-003156
Timm, Robert M.
  84-003263
  84-003629
  84-003776
Tindle, R.
  84-005243
Tingay, A.
  84-005244
Tinney, Richard T., Jr.
  84-003525
Tipton, Alan R.
  84-003521
Tisdell, Clem
  84-003165
Titman, Rodger D.
  84-004848
  84-004880
Titterington, R. W.
  84-004368
Todd, David
  84-003173
Toft, Catherine A.
  84-004881
Toft, Geir Olav
  84-005158
Tokyo Zoological Park Society
  84-003477
Tollestrup, K.
  84-006056
Tomback, Diana F.
  84-005443
Tomek, Andrzej
  84-003926
Tomlinson, B. E.
  84-004465
Toriba, M.
  84-006061
Toriba, Michihisa
  84-006005
Toro, Haroldo
  84-004022
Torres de Assumpcao, C.
  84-004342
Torres Esquivias, J. A.
  84-004523
Torres Esquivias, Jose A.
  84-004522
  84-005159
Torres-Barreto, Alvaro
  84-004692
Torres, Patricio
  84-005160
Townshend, D. J.
  84-005161
Tracy, C. Richard
  84-006055
Traill, Barry
  84-004524
Trainer, Jill M.
  84-004580
Trauger, David L.
  84-004881
Travis, Joseph
  84-004525
Treca, Bernard
  84-005162
Treilhou-Lahille, F.
  84-005862
Trepo, C. G.
  84-003707
Trillmich, Fritz
  84-003207
  84-005426
Trillmich, Krisztina G. K.
  84-003207
Trivelpiece, Wayne Z.
  84-004668
Trombulak, Stephen Christopher
  84-003733
Trost, Charles H.
  84-004644

AUTHOR INDEX

Trotsky, Tadziu
84-005241
Trowbridge, B. J.
84-003630
Troyer, Katherine
84-006062
84-006063
84-006064
Truett, Joe
84-003166
Tschantz, B. A.
84-003411
Tsuchiya, Kiyoshi
84-003070
Tsukamoto, Yoshihiko
84-005863
Tu, Anthony T.
84-005973
Tucic, N.
84-005814
Tucker, Helen
84-005163
Tueller, Todd T.
84-003874
Tuff, Donald W.
84-004163
Tuggle, Benjamin N.
84-004343
Tullock, Gordon
84-003071
Tumlison, Renn
84-003905
84-004002
Tunner, Heinz G.
84-005864
Turner, A. K.
84-005706
Turner, Angela K.
84-005663
Turner, Harold
84-004526
Turner, T. R.
84-004344
Turton, J. M.
84-005572
Twelves, Jane
84-003977
Tye, Alan
84-004581
84-005164
Tyler, Jack D.
84-005664
Tyler, Wm. Breck
84-005186
Tyser, Robin W.
84-004527
U.S. Army Corps of Engineers
84-003447
U.S. Natl. Park Service
84-003167
84-004233
U.S. Office of Technology Assessment
84-003168
Uehara, Shigeo
84-004345
Ukrain, Devora
84-005746
Ulanowicz, Robert E.
84-003035
Ulfstrand, Staffan
84-005437
Ullman, Magnus
84-005427
Ullrey, D. E.
84-004133
Ulshafer, Robert J.
84-004024
Umbreit, N.
84-003072
Underhill, L. G.
84-005030
Uotila, Pertti
84-003019
Urbanczyk, Zbigniew
84-003591
Urik, Joseph Alan
84-005665
Urness, P. J.
84-003332
Urness, Philip J.
84-004139
Usher, Peter
84-003321
Utida, Seiitiro
84-004871
Utley, Peter D.
84-003244
Utschick, Hans
84-004399
Uzzell, Thomas
84-005864
Vacca, G.
84-005919
Vaclav, Vladimir
84-003169
Vadasz, Csaba
84-003764
Vagvolgyi, Alice
84-006065
Vahle, J. Robert
84-003734
Vaisanen, Risto A.
84-004388
Valkenburg, P.
84-003963

Valkenburg, Patrick
  84-003352
  84-003448
Vallentine, John F.
  84-003449
Valste, Juha
  84-004496
  84-004669
Valtonen, Maija
  84-003976
Van den Berg, Arnoud B.
  84-005165
  84-005166
  84-005245
  84-005364
van den Berg, Martin
  84-005666
Van der Ham, Nick F.
  84-004693
van der Meulen, Hans
  84-005065
van der Westhuyzen, J.
  84-003593
Van der Zande, Ton
  84-003526
Van Dijk, Jelle
  84-004420
Van Hoven, W.
  84-004234
Van Kruiningen, Herbert J.
  84-004110
Van Lear, David H.
  84-003054
van Lennep, E. W.
  84-003553
van Loben Sels, Richard C.
  84-005905
van Nie, C. J.
  84-004076
van Niekerk, J. H.
  84-004741
  84-004751
van Riper, Charles III
  84-005667
Van Roosmalen, Marc G. M.
  84-004307
Van Schoik, D. R.
  84-004041
  84-004042
van Weers, Desire J.
  84-003842
Vanamburg, G. L.
  84-003170
Vandal, Denis
  84-004186
Vander Wall, Stephen B.
  84-003088

...CONTINUED...
Vander Wall, Stephen B.
  84-004528
  84-005428
Vanderford, Michael J.
  84-003450
  84-003451
Vandorpe, Eric J. C.
  84-003843
Varghese, C. George
  84-004009
Varona, Luis S.
  84-003579
  84-004248
Vasilyev, B. D.
  84-005818
Vassallo, Alfred
  84-005167
  84-005246
Vaucher, Claude
  84-003844
Vaughan, Christopher
  84-003906
Vaughan, G. L.
  84-003411
Vaughan, R. W.
  84-004045
Vaughan, R. William
  84-004077
Veiga, Jose P.
  84-004929
Veit, Peter G.
  84-004346
Velez Munoz, Ricardo
  84-003452
Veloso, A.
  84-005839
Vercellini, O.
  84-003815
Verner, Jared
  84-005365
  84-005414
Vernon, C. J.
  84-005272
Veromann, Heinrich
  84-004529
Verrell, Paul A.
  84-005865
Versi, E.
  84-003778
Verts, B. J.
  84-003670
Vesmanis, I.
  84-003580
  84-003845
Vestenicky, Koloman
  84-003171
Vickery, William L.
  84-004882

Viereck, Leslie A.
84-003026
Viers, Charlie
84-004530
Vigorita, Vittorio
84-005378
Vikberg, Pentti
84-004863
Viljoen, S.
84-003735
84-003736
Villars, C. E.
84-003231
Vincent, J.-P.
84-004138
Viscor, G.
84-005408
Vitt, Laurie J.
84-005884
84-005924
84-006066
Vitvitsky, L.
84-003707
Vlcek, Miroslav
84-003101
Vockenson, K.
84-005401
Vogel, P.
84-006067
Vogel, Peter
84-003581
Vogt, Richard C.
84-005995
Vohs, Paul A.
84-005150
Vohs, Paul A., Jr.
84-004792
Voisin, J.-F.
84-004531
84-004783
Volf, Jiri
84-004235
von Haartman, Lars
84-004582
Von Schantz, Torbjorn
84-003198
von Wengersky, Anton Graf
84-005668
Vondracek, Jiri
84-005366
Vorontsov, N. N.
84-003709
Voskar, J.
84-003907
Voth, Annette S.
84-003434
Wabakken, P.
84-003908
Wada, Kazuo
84-004303
Waddell, K. Bruce
84-003453
Wade, P. T.
84-004344
Waechter, Antoine
84-003504
Wagner, Steven J.
84-005527
Waide, Robert B.
84-003208
Wake, David B.
84-005837
84-005866
Wake, Marvalee H.
84-005867
Walcott, Charles
84-004624
Waldman, Bruce
84-005868
Waldschmidt, Steve
84-005921
Walker, Donald A.
84-003027
Walker, Edward D.
84-004981
Walker, Jane B.
84-004086
Walker, Margaret L.
84-004347
Walkins, B. E.
84-004133
Walkinshaw, Lawrence H.
84-005669
Wallace, B. M.
84-004670
84-004671
Wallace, D. I. M.
84-004532
84-005670
Wallace, Richard L.
84-005811
Wallage-Drees, J. M.
84-003671
Walsh, Daniel T.
84-005367
Walters, Michael
84-004672
Walters, Philip M.
84-005671
Waltman, Paul
84-003247
Walton, R.
84-003630
Walton, R. A.
84-004187

Wang Shuzhen
84-004383
Wang Wanyu
84-006068
Wang Xinmin
84-006069
Wani, Jagannath K.
84-003057
Wanink, Jan
84-005168
WAPORA, Inc.
84-003172
Ward-Smith, A. J.
84-004548
Ward, Kenneth
84-003361
Warham, John
84-005206
84-005247
Waring, George H.
84-004078
Warman, Stephen
84-003173
Warner, James L.
84-005977
Warner, Richard E.
84-004732
Warnes, J. M.
84-005429
Warren, R. J.
84-004670
84-004671
Warren, Robert J.
84-004134
Warriner, Jane C.
84-005102
Warriner, John S.
84-005102
Wartzuk, D.
84-004063
Wassef, Hilda Y.
84-003565
Wasserman, Fred E.
84-005672
Wassersug, Richard J.
84-005797
84-005869
Watada, Masayoshi
84-004871
Waterman, Jane M.
84-003737
Waterman, M. H.
84-004764
Waters, Anne R.
84-005169
Watkins, B. P.
84-005248
Watkins, D.
84-003418
Watkins, William A.
84-004079
84-004080
Watson, A.
84-004711
Watson, E. A.
84-004251
Watt, Doris J.
84-005673
Wear, Gary D.
84-005674
Weatherall, W. R.
84-003389
Weatherhead, Patrick J.
84-004583
84-005430
Weathers, Wesley W.
84-005398
84-005675
Webb, A.
84-005122
84-005170
Webb, B. E.
84-004065
Webb, C. J.
84-005745
Webb, D. R.
84-005676
Webb, Grahame J. W.
84-006070
84-006071
84-006072
84-006073
Webb, James T.
84-005870
Weber, Bruce J.
84-004188
Weber, J.-M.
84-003978
Weber, Jean-Marc
84-003967
Weber, John W.
84-005171
84-005172
Webster, John
84-006074
84-006075
Webster, Marcus David
84-004760
Webster, William David
84-003631
Webster, Wm. David
84-003632
Weddle, Gordon K.
84-003846

Weeks, Harman P., Jr.
  84-005431
Wegener, Gayle M.
  84-005308
Wegge, Per
  84-004705
  84-004717
Wehausen, John D.
  84-004236
Weigle, Bradley L.
  84-004081
Weir, Ron
  84-005368
Welch, Bruce L.
  84-003322
Welch, P. J.
  84-004149
Weller, Emily C.
  84-003086
  84-003140
Wells, Kentwood D.
  84-005850
Wells, R. S.
  84-004059
Welton, Melinda J.
  84-004690
Wenner, Anne Shapiro
  84-003633
  84-005173
Werner, Dagmar I.
  84-006076
Werner, R. M.
  84-004355
Werner, Yehuda L.
  84-006077
West, Carolyn A.
  84-005871
West, Janet R.
  84-004115
West, Meredith J.
  84-005432
Westerhaus, Michael D.
  84-003847
  84-005677
Westlake, G. E.
  84-003235
Westman, G. H.
  84-003340
  84-003341
  84-003454
  84-003455
  84-003456
  84-003457
  84-003458
Westrom, Dale R.
  84-004135
Weyer, Diane
  84-004745
Whaler, B. C.
  84-005919
Wharton, Donald
  84-003979
Wheeler, S. H.
  84-003662
Wheeler, William E.
  84-003264
Whelan, John
  84-003980
Whetstone, R. D.
  84-003182
Whigham, Dennis F.
  84-004482
Whisenhunt, J. E.
  84-004673
Whitacre, David
  84-005746
Whitaker, John O., Jr.
  84-003614
Whitaker, Romulus
  84-005764
Whitaker, Zai
  84-005764
White, A. C.
  84-003827
White, Clayton M.
  84-005363
White, David A.
  84-003174
White, Donald H.
  84-004674
White, G.
  84-005220
White, Gary C.
  84-003073
  84-004188
White, L. A.
  84-003236
White, Marshall
  84-004509
White, Robert G.
  84-003074
Whitecar, Terrence
  84-005890
Whitehead, Hal
  84-004082
Whiten, K. R.
  84-003459
Whitenack, D. L.
  84-004197
Whiteside, Richard W.
  84-004729
Whitfield, D. Philip
  84-005174
Whittaker, M. E.
  84-003672

- Whitten, Kenneth R.
  - 84-003460
- Whittow, G. Causey
  - 84-005106
  - 84-005206
  - 84-005231
- Whyte, R. J.
  - 84-004670
- Whyte, Richard John
  - 84-004883
- Wichman, Holly A.
  - 84-003848
- Wieloch, Maria
  - 84-004896
- Wiens, John A.
  - 84-004675
- Wiggers, Ernie P.
  - 84-004136
- Wijnandts, H.
  - 84-005369
- Wiken, E. B.
  - 84-003461
- Wilbur, Henry M.
  - 84-005765
  - 84-005834
- Wilcove, David
  - 84-004557
- Wildt, D. E.
  - 84-004003
  - 84-006078
- Wiley, R. Haven
  - 84-005630
- Wilheim, Arnd
  - 84-004189
- Wilkes, F. G.
  - 84-003230
- Wilkinson, R.
  - 84-004406
  - 84-005433
  - 84-005710
- Will, Kevin L.
  - 84-004571
  - 84-004571
- Will, Tom C.
  - 84-004580
- Willard, E. Earl
  - 84-004237
- Williams, A. J.
  - 84-003249
  - 84-005249
  - 84-005250
- Williams, J. M.
  - 84-003673
- Williams, James D.
  - 84-004018
- Williams, Joseph B.
  - 84-005251
- Williams, Lawrence R.
  - 84-003849
- Williams, N. Sandra
  - 84-005678
- Williams, T. D.
  - 84-004660
  - 84-005122
  - 84-005170
- Williamson, Elizabeth A.
  - 84-004247
- Williamson, F. S. L.
  - 84-003898
- Williamson, Mark
  - 84-004533
- Williard, Kenny F.
  - 84-004098
- Willis, Edwin O.
  - 84-005679
- Willis, Edwin O'Neill
  - 84-004584
- Willis, Yoshika O.
  - 84-004584
- Willison, James M.
  - 84-004157
- Willner, G. R.
  - 84-003647
- Willner, Gale R.
  - 84-003745
- Willson, Mary F.
  - 84-004585
- Wilmers, Thomas J.
  - 84-005370
- Wilson-Jacobs, Ruth
  - 84-005175
- Wilson, Barbara L.
  - 84-005434
- Wilson, D. E.
  - 84-003644
  - 84-003647
- Wilson, James H.
  - 84-003981
- Wilson, Larry David
  - 84-005766
- Wilson, M. E.
  - 84-004348
- Wilson, Mark E.
  - 84-004347
- Wilson, Peter
  - 84-004099
- Wilson, V. J.
  - 84-004238
- Wilson, William J.
  - 84-003425
- Winchell, C. S.
  - 84-004041
- Wingard, Robert G.
  - 84-004118

Winiecki, Aleksander
84-005059
Winkel, Doris
84-005680
Winkel, Wolfgang
84-005680
Winter, C.
84-005084
Winter, Kenneth C.
84-004586
Wischusen, E. William
84-005176
Wishart, Richard A.
84-004884
Wisidagama, C. L.
84-003238
Withalm, H.
84-003238
Withers, B. R.
84-004534
Witkowski, Jozef
84-004787
Witman, Gretchin M.
84-003294
Witt, Hans-Hinrich
84-005747
Woakes, A. J.
84-004885
Wobeser, Gary A.
84-004790
Wodzicki, K.
84-003102
Woehler, Eugene E.
84-003323
Woffinden, Neil D.
84-005371
Woinarski, J. C. Z.
84-005681
Wolf, Katherine
84-004349
Wolf, P. L.
84-003214
Wolfe, Michael L.
84-004188
84-004239
Wolfe, Robert J.
84-003284
Wolk, Elzbieta
84-003850
Wolk, Krzysztof
84-004535
84-004536
Wong, W. C.
84-004340
Wood, A. G.
84-005177
Wood, D. Scott
84-004605
...CONTINUED...
Wood, D. Scott
84-005178
Wood, F. E.
84-006078
Wood, F. G.
84-004083
Wood, J. R.
84-006078
Wood, Merrill
84-005682
Woodall, P. F.
84-005623
Woodcock, Alison
84-004350
Woodcock, C. E.
84-003028
Woodis, Steven G.
84-003421
Woodruff, Roger A.
84-003874
Woods, Charles A.
84-003187
Woodward-Clyde Consultants
84-003175
84-003237
Woodward, A.
84-006079
Woodward, Bruce Douglas
84-005872
Woolbright, Lawrence L.
84-005873
Woolf, Alan
84-003527
Worrall, D. H.
84-005179
Worthington, Andrea Helene
84-005683
Wren, Christopher D.
84-003528
Wright, David Hamilton
84-003103
Wright, P. G.
84-005964
Wright, P. L.
84-003966
Wright, S.
84-003102
Wright, S. Joseph
84-003075
84-006080
Wuersig, B.
84-004059
Wuerthner, George
84-004240
Wuest, Jean
84-006016
Wunderle, Joseph M., Jr.
84-005684

AUTHOR INDEX

Wurster-Hill, Doris M.
84-004143
Wylie, Phillip E.
84-005756
Wyndham, Edmund
84-005748
Xiong Yuliang
84-006068
Xu Yangong
84-004695
Yablokov, A. V.
84-004084
Yagil, R.
84-005079
Yahav, S.
84-003851
Yahner, Richard H.
84-004384
84-005380
Yamagiwa, J.
84-004351
84-004352
Yang Changjiu
84-006068
Yang Chenchuan
84-004256
Yang Lan
84-004383
Yao-ting, G.
84-003674
Yapp, G. A.
84-003461
Yates, Vance J.
84-004677
Yazicigil, H.
84-003437
Yeager, Carey P.
84-003248
Yellon, Steven M.
84-003852
Yenbutra, Songsakdi
84-003634
Yenke, William M.
84-004004
Yi-ching, Ma
84-003927
Yoakum, Jim
84-004241
84-004242
Yokota, Yoshio
84-004901
Yom-Tov, Y.
84-005979
Yoneda, Masaaki
84-004315
Yoshida, Yutaka
84-004852
Yosida, Tosihide H.
84-003478
Yound, H. E.
84-003385
Young, Clifford
84-003176
84-005685
Young, Hywel Glyn
84-005180
Young, J. A.
84-003360
Young, James A.
84-003430
84-003462
Young, P. C.
84-003336
Young, Richard E.
84-003692
Young, Richard P.
84-003463
Young, Ruth A.
84-003738
Youtz, Sandra L.
84-003194
Yu Xiuzhang
84-004190
Yunick, Robert P.
84-005686
Yzurieta, Dario
84-004492
Zager, Peter E.
84-003928
Zaitsev, V. A.
84-004191
Zak, J. M.
84-003385
Zammit, Richard Cachia
84-004537
Zang, Herwig
84-005381
Zarkhidze, V. A.
84-004243
Zarn, M.
84-004090
Zasada, John C.
84-003409
Zavalishina, L. E.
84-005874
Zbinden, Niklaus
84-004700
Zelick, Randy D.
84-005875
Zellhoefer, Wilma
84-004365
Zembal, Richard
84-005181
Zeveloff, Samuel I.
84-003515

Zheng Baolai
84-004383
Zhu Longbiao
84-003688
Zicus, Michael C.
84-004926
Ziegenfus, Charles W. S.
84-004927
Zielinski, W. J.
84-003971
Zietlow, Susanne
84-005452
Zimmerman, Earl G.
84-003488
Zimmerman, James Hall
84-003464
Zimmerman, John L.
84-004538
84-005687
Zimmerman, Richard
84-005749
Zinn, J. A.
84-003177
Zinnel, Kathlean C.
84-004073
Ziswiler, Vincent
84-003561
84-005900
Zmudzinski, Ludwik
84-004767
Zonov, G. B.
84-003479
Zouros, E.
84-006081
Zubakin, V. A.
84-005049
84-005182
Zuber-Vogeli, Monique
84-005794
Zuber, N.
84-003563
Zucker, Evan L.
84-004322
Zucker, I.
84-003588
Zurowski, W.
84-003743
Zurowski, Wirgiliusz
84-003760
Zusi, Richard L.
84-005654
Zuur, Bob
84-004886
Zwarts, Leo
84-005168
Zwickel, Fred C.
84-004718
...CONTINUED...
Zwickel, Fred C.
84-004719

GEOGRAPHICAL INDEX

Afghanistan
84-006011
Africa
84-003286
84-003401
84-003574
84-003601
84-003987
84-004010
84-004234
84-004250
84-004263
84-004346
84-004351
84-004748
84-004796
84-005300
84-005465
84-005795
Africa, East
84-003650
84-005152
Africa, Southern
84-003180
84-003663
84-003735
84-004777
84-005196
Africa, Western
84-003243
84-003628
Alabama
84-004130
84-004723
84-004744
84-004754
Alaska
84-003020
84-003026
84-003161
84-003284
84-003295
84-003326
84-003351
84-003352
84-003363
84-003382
84-003392
84-003409
84-003420
84-003432
84-003440
84-003443
84-003448
84-003459
84-003460
84-003516
...CONTINUED...
Alaska
84-003541
84-003661
84-003859
84-003870
84-003948
84-003963
84-004039
84-004144
84-004166
84-004173
84-004175
84-004177
84-004179
84-004184
84-004205
84-004228
84-004240
84-004365
84-004671
84-004691
84-004853
84-004910
84-004968
84-005005
84-005096
84-005097
84-005111
Alaska, Northeastern
84-003916
Alaska, Southcentral
84-003425
84-003858
84-003937
Alaska, Southwestern
84-005330
Alaska, Western
84-005015
Alaska: Aleutian Islands
84-003970
Alaska: Bristol Bay
84-003759
Algeria
84-003798
84-004589
Angola
84-005566
Antarctica
84-003517
84-004071
84-004072
84-004073
84-004074
Arabian Sea and Area
84-005020
84-005205
Arctic Ocean
84-003166

...CONTINUED...
Arctic Ocean
  84-003453
  84-004987
Argentina
  84-003050
  84-003491
  84-003499
  84-003771
  84-003780
  84-003820
  84-003828
  84-004075
  84-004200
  84-004492
  84-005084
  84-005130
  84-005277
  84-005417
  84-005489
  84-005783
Arizona
  84-003095
  84-003167
  84-003342
  84-003355
  84-003484
  84-003734
  84-003781
  84-004233
  84-004512
  84-004528
  84-005671
  84-005760
Arizona, Northeastern
  84-003250
Arizona, Western
  84-003442
Arizona: Chiricahua Mountains
  84-005389
Arizona: Coconino County
  84-003002
Arizona: Greenlee County
  84-005511
Arizona: Maricopa County
  84-005856
Arizona: Organ Pipe Cactus Natl. Monument
  84-005716
Arizona: Pima County
  84-005468
Arkansas: Lonoke County
  84-005997
Asia
  84-003634
  84-003751
  84-004796
Asia, Southwestern
  84-003472

...CONTINUED...
Asia, Southwestern
  84-003888
Atlantic Ocean
  84-005948
Atlantic Ocean, Northern
  84-004057
  84-004079
  84-004080
  84-004634
  84-004875
  84-004943
  84-005199
Atlantic Ocean, Southern
  84-003083
  84-004761
  84-004762
  84-005194
  84-005213
Australasia
  84-005505
  84-005634
  84-005702
Australia
  84-003038
  84-003374
  84-003522
  84-003550
  84-003553
  84-003891
  84-004379
  84-004386
  84-004524
  84-004606
  84-004607
  84-004608
  84-004609
  84-004610
  84-005061
  84-005138
  84-005143
  84-005193
  84-005220
  84-005287
  84-005341
  84-005358
  84-005481
  84-005569
  84-005578
  84-005633
  84-005681
  84-005697
  84-005897
  84-006049
Australia: Great Barrier Reef
  84-003165
Australia: New South Wales
  84-003555

...CONTINUED...
Australia: New South Wales
84-004357
84-004397
84-004484
84-004566
84-004763
84-004821
84-005279
84-005509
84-005728
84-005748
Australia: Northern Territory
84-003668
84-004001
84-005074
84-005075
84-005450
84-006070
84-006071
84-006073
Australia: Queensland
84-003545
84-005218
84-005401
84-005440
84-005460
84-005510
84-005562
84-005563
84-005564
84-005565
84-005623
84-005713
84-005984
Australia: South Australia
84-004764
84-005258
84-005458
84-005733
Australia: Tasmania
84-003333
84-005218
84-005228
84-005529
Australia: Victoria
84-004376
84-004506
84-004868
84-004873
84-004978
84-005036
84-005062
84-005063
84-005144
84-005221
84-005234
84-005259

...CONTINUED...
Australia: Victoria
84-005260
84-005315
84-005446
84-005582
84-005724
Australia: Western Australia
84-003176
84-003325
84-003418
84-003554
84-003662
84-004400
84-004459
84-004475
84-004957
84-005233
84-005244
84-005387
84-005464
84-005685
84-005967
84-006058
Austria
84-004728
84-005123
84-005463
Bahama Islands
84-006045
Bangladesh
84-004285
84-005314
Belgium
84-005372
Belize
84-004467
84-004488
84-005994
Benin
84-003469
84-003502
Bering Sea
84-004031
84-004042
84-004052
Bolivia
84-003350
84-003585
84-003586
84-004320
84-004575
84-005520
84-005739
84-006032
Borneo
84-003248
Botswana
84-003775

...CONTINUED...
Botswana
  84-004008
  84-004499
Bouvet Island
  84-005248
Brazil
  84-003024
  84-003365
  84-004276
  84-004342
  84-004494
  84-004515
  84-004574
  84-004584
  84-004974
  84-005744
  84-005869
  84-005989
  84-006032
  84-006034
  84-006035
  84-006036
  84-006037
  84-006066
Bulgaria
  84-005223
Burundi
  84-004352
California
  84-003022
  84-003028
  84-003117
  84-003181
  84-003237
  84-003292
  84-003304
  84-003334
  84-003354
  84-003390
  84-003394
  84-003395
  84-003426
  84-003525
  84-003529
  84-003715
  84-003727
  84-003792
  84-003929
  84-003936
  84-003949
  84-004021
  84-004092
  84-004157
  84-005005
  84-005073
  84-005102
  84-005181

...CONTINUED...
California
  84-005186
  84-005308
  84-005365
  84-005414
  84-005730
  84-005892
California, Coastal
  84-004689
California, Northern
  84-004135
  84-006054
California, Southern
  84-004106
  84-005992
California: Farallon Islands
  84-005091
California: Inyo County
  84-005589
California: Modoc County
  84-005516
California: Nevada County
  84-003740
California: Plumas County
  84-003803
California: San Luis Obispo County
  84-002997
California: Sierra Nevada
  84-004509
California: Sonoma County
  84-003447
California: Ventura County
  84-005589
California: Yosemite Natl. Park
  84-003951
Cameroon
  84-005602
Canada
  84-003269
  84-003290
  84-003298
  84-003321
  84-003376
  84-003377
  84-003389
  84-003576
  84-003653
  84-003666
  84-003866
  84-003958
  84-004141
  84-004167
  84-004374
  84-004570
  84-004671
  84-004829
  84-004882

...CONTINUED...
Canada
84-004910
84-005025
84-005026
84-005207
Canada: Alberta
84-003381
84-003723
84-003737
84-003819
84-003867
84-003972
84-004181
84-004430
Canada: British Columbia
84-003329
84-003595
84-003598
84-003604
84-003615
84-003616
84-003713
84-003877
84-004033
84-004230
84-004703
84-004704
84-004706
84-004718
84-004719
84-004884
84-005081
84-005402
84-005461
84-005641
84-005649
84-005726
Canada: Hudson Bay
84-004874
84-004876
84-005004
Canada: Manitoba
84-003520
84-003988
84-004380
84-004806
84-004854
84-004880
84-004900
84-005009
84-005124
84-005125
84-005655
Canada: New Brunswick
84-003179
84-004061
84-005473
Canada: Newfoundland
84-003757
84-004082
Canada: Northwest Territories
84-003378
84-003534
84-004031
84-004180
84-004206
84-004231
84-004881
84-004999
84-005119
84-005203
Canada: Nova Scotia
84-003994
84-003995
84-005082
84-005113
84-005257
84-005304
84-005805
Canada: Ontario
84-003407
84-003408
84-003528
84-003598
84-003607
84-003672
84-003819
84-003930
84-004465
84-004471
84-004502
84-004616
84-004808
84-004835
84-004945
84-004989
84-004997
84-005132
84-005256
84-005368
84-005393
84-005445
84-005534
84-005619
84-005803
84-005835
Canada: Prince Edward Island
84-003610
84-004848
Canada: Quebec
84-003383
84-003725
84-003741
84-003756

...CONTINUED...
Canada: Quebec
84-004121
84-004186
84-005232
84-005343
84-005430
84-005442
Canada: Saskatchewan
84-003444
84-003492
84-004401
84-004458
84-004790
84-004850
84-005954
84-005988
Canada: Yukon
84-003021
84-003357
84-003371
84-003391
84-003416
84-003422
84-003432
84-003635
84-003773
84-003877
84-003935
84-004144
84-004168
84-004212
84-004888
Canary Islands
84-005970
Caribbean Area
84-004525
Central America
84-004084
84-004480
84-004937
Chile
84-003532
84-003649
84-003818
84-003938
84-004022
84-004091
84-004150
84-005038
84-005160
84-005224
China
84-003674
84-003688
84-003924
84-003927
84-003984
...CONTINUED...
China
84-004164
84-004383
84-004695
84-005581
84-005750
Christmas Island
84-004470
Colombia
84-003618
84-004259
84-004333
84-004692
84-005382
84-005700
84-005825
84-005925
Colorado
84-003299
84-003665
84-004102
84-004103
84-004415
84-004423
84-004464
84-004701
84-005486
84-005539
84-005611
84-005648
Colorado, Northwestern
84-003384
Colorado, Southwestern
84-003348
84-003349
Colorado: Boulder County
84-003645
Colorado: Grand County
84-003001
Colorado: Grand Mesa Natl. Forest
84-003397
Colorado: Huerfano County
84-002999
Comoro Islands
84-004339
Connecticut
84-003128
84-004110
84-004126
84-005367
84-005977
Costa Rica
84-003126
84-003629
84-003906
84-004288
84-005472

...CONTINUED...
- Costa Rica
  - 84-005745
  - 84-005877
  - 84-005985
- Crozet Archipelago
  - 84-004531
- Cuba
  - 84-003579
  - 84-003786
  - 84-006041
- Cyprus
  - 84-005721
- Czechoslovakia
  - 84-003013
  - 84-003015
  - 84-003036
  - 84-003089
  - 84-003092
  - 84-003101
  - 84-003106
  - 84-003108
  - 84-003116
  - 84-003129
  - 84-003130
  - 84-003131
  - 84-003132
  - 84-003148
  - 84-003151
  - 84-003160
  - 84-003169
  - 84-003171
  - 84-003224
  - 84-003291
  - 84-003379
  - 84-003396
  - 84-003907
  - 84-004776
  - 84-005114
  - 84-005366
  - 84-005541
- Denmark
  - 84-003267
  - 84-003270
  - 84-003399
  - 84-003400
  - 84-004441
  - 84-004486
  - 84-004641
  - 84-004774
  - 84-004800
  - 84-004907
  - 84-005405
- East Germany
  - 84-004766
  - 84-004867
  - 84-005055
  - 84-005090
- Ecuador
  - 84-003215
  - 84-005693
  - 84-005940
- Egypt
  - 84-003602
  - 84-004445
  - 84-005264
- El Salvador
  - 84-004455
  - 84-004750
- England
  - 84-003206
  - 84-003337
  - 84-003638
  - 84-003827
  - 84-003934
  - 84-003940
  - 84-003952
  - 84-004093
  - 84-004140
  - 84-004143
  - 84-004187
  - 84-004428
  - 84-004562
  - 84-004576
  - 84-004598
  - 84-004636
  - 84-004659
  - 84-004660
  - 84-004672
  - 84-004736
  - 84-004772
  - 84-004849
  - 84-004909
  - 84-004969
  - 84-004980
  - 84-004982
  - 84-005006
  - 84-005007
  - 84-005011
  - 84-005035
  - 84-005053
  - 84-005067
  - 84-005083
  - 84-005117
  - 84-005121
  - 84-005145
  - 84-005156
  - 84-005161
  - 84-005177
  - 84-005293
  - 84-005313
  - 84-005355
  - 84-005399
  - 84-005409
  - 84-005411

...CONTINUED...
England
84-005424
84-005487
84-005502
84-005528
84-005544
84-005580
84-005590
84-005595
84-005601
84-005615
84-005636
84-005638
84-005644
84-005703
84-005771
84-005865
84-006075
Europe
84-003282
84-003664
84-003751
84-003752
84-003942
84-004796
84-005114
84-005141
84-005225
84-005639
84-005814
Europe, Northern
84-003398
84-004529
84-004617
84-004623
84-004839
84-004844
84-004856
84-004857
84-004930
84-005064
84-005543
Faeroe Islands
84-004409
Falkland Islands
84-003099
84-003127
84-003306
84-005191
Finland
84-003019
84-003253
84-003273
84-003755
84-003880
84-003920
84-003960
...CONTINUED...
Finland
84-004158
84-004172
84-004373
84-004388
84-004450
84-004451
84-004452
84-004495
84-004496
84-004582
84-004669
84-004688
84-004707
84-004708
84-004739
84-004758
84-004804
84-004805
84-004845
84-004855
84-004863
84-004932
84-005050
84-005051
84-005052
84-005101
84-005112
84-005174
84-005317
84-005318
84-005584
84-005596
84-005598
84-005645
84-005647
84-005763
Florida
84-003431
84-003656
84-003917
84-004081
84-004795
84-005060
84-005092
84-005173
84-005467
84-005722
84-005945
84-005987
84-005990
84-006025
Florida, Eastcentral
84-003186
Florida, Northeastern
84-005329
Florida, Northwestern
84-003275

GEOGRAPHICAL INDEX

...CONTINUED...
Florida, Northwestern
84-003279
84-003280
Florida, Southern
84-006040
Florida, Southwestern
84-003175
84-003274
84-003276
84-003277
84-003278
Florida: Alachua County
84-006079
Florida: Bradford County
84-003445
Florida: Duval County
84-003824
Florida: Everglades Natl. Park
84-003143
84-004981
Florida: Flagler County
84-006009
Florida: Highlands County
84-003178
84-005475
Florida: Jackson County
84-003633
Florida: Palm Beach County
84-005241
84-005560
Florida: Polk County
84-003178
France
84-003504
84-003531
84-003575
84-003779
84-003910
84-003911
84-004138
84-004738
84-004803
84-005057
84-005141
84-005148
84-005197
84-005302
84-005364
84-005493
84-005573
84-005622
84-005864
Galapagos Islands
84-003200
84-003207
84-004017
84-004372
...CONTINUED...
Galapagos Islands
84-004382
84-005243
84-005518
84-005519
84-005559
84-005612
84-005617
84-005618
84-005627
84-005931
84-005949
84-006020
84-006055
84-006076
Gambia
84-004421
84-004518
Georgia
84-003008
84-004743
84-004781
84-005016
84-005103
84-005169
84-005237
84-005696
84-005946
Georgia: Hall County
84-004823
Georgia: Washington County
84-005574
Gibraltar
84-004534
Great Britain
84-003229
84-003281
84-003802
84-004612
84-004650
84-004791
84-004817
84-004966
84-004986
84-005039
84-005109
84-005296
84-005337
84-005492
Great Lakes
84-004646
84-004947
84-005131
Greece
84-005008
84-005986
Greenland
84-003898

...CONTINUED...
Greenland
  84-004185
  84-005109
Grenada
  84-005684
Guatemala
  84-003345
  84-004918
Guinea
  84-003627
Gulf of Mexico
  84-003146
  84-003147
  84-003388
  84-004059
  84-004639
  84-005948
  84-006013
Guyana
  84-005273
Haiti
  84-003187
  84-005965
Hawaii
  84-003188
  84-003428
  84-003540
  84-003682
  84-004058
  84-004508
  84-004953
  84-005192
  84-005206
  84-005231
  84-005390
  84-005416
  84-005542
  84-005667
Himalaya Mountain Region
  84-005291
Honduras
  84-003110
  84-005756
  84-005766
Hungary
  84-003655
  84-004443
  84-005495
Iberian Peninsula
  84-003580
  84-003785
  84-004929
  84-005785
  84-005786
  84-005787
  84-005788
  84-006000
Iceland
  84-004483
  84-004500
  84-004592
  84-004685
  84-004841
  84-004879
  84-004892
  84-005017
  84-005098
  84-005149
  84-005242
  84-005267
  84-005338
  84-005524
Idaho
  84-004237
  84-004644
  84-005352
Idaho, Eastern
  84-003025
Idaho, Northern
  84-005171
  84-005172
Idaho, Southcentral
  84-005363
Idaho, Southeastern
  84-003883
  84-005347
Idaho, Southwestern
  84-004941
  84-005324
Idaho: Boise Natl. Forest
  84-003434
Illinois
  84-003155
  84-003163
  84-003185
  84-003202
  84-003287
  84-003527
  84-004454
  84-004585
  84-004631
  84-004632
  84-004633
  84-004702
  84-004732
  84-004784
  84-004785
  84-004786
  84-004801
  84-004809
  84-004810
  84-004811
  84-004814
  84-004815

...CONTINUED...
Illinois
84-004816
84-004898
84-005477
84-005692
Illinois, Southern
84-003730
84-003939
84-004893
84-004908
84-004911
84-004912
84-004913
Illinois: Cass County
84-003097
Illinois: Cook County
84-005496
Illinois: Mason County
84-005691
Illinois: Morgan County
84-003097
Illinois: Piatt County
84-004446
Illinois: Sangamon County
84-005459
India
84-003111
84-003152
84-003162
84-003261
84-003902
84-003992
84-004009
84-004353
84-004356
84-005089
84-005764
84-006003
84-006039
Indian Ocean
84-004034
84-004040
84-004462
84-005210
Indiana
84-003537
84-003592
84-003623
84-005431
Indiana: Scott County
84-005274
Indiana: Vigo County
84-003559
Indonesia
84-004255
84-004335
84-004404
Iowa
84-003049
84-004119
84-004120
84-004413
84-004417
84-004490
84-004894
84-005048
84-005280
84-005434
84-005624
84-005780
84-005781
Iowa, Central
84-004626
Iowa, Northwestern
84-004564
Iowa, Southwestern
84-005142
84-005421
Iowa, Western
84-003493
84-004460
84-005751
Iowa: Cerro Gordo County
84-005252
Iowa: Davis County
84-005762
Ireland
84-004775
84-004778
84-004966
84-005039
84-005492
Israel
84-003216
84-003684
84-003851
84-003889
84-004693
84-004734
84-004757
84-005283
84-005436
84-005436
84-005791
84-005792
84-005793
84-005979
Italy
84-003863
84-003864
84-003865
84-003915
84-005378
84-005847

- Ivory Coast
  - 84-003581
- Jamaica
  - 84-005747
- Japan
  - 84-003070
  - 84-004169
  - 84-004170
  - 84-004183
  - 84-004270
  - 84-004281
  - 84-004292
  - 84-004316
  - 84-004338
  - 84-004901
  - 84-004950
  - 84-005439
  - 84-005715
  - 84-006042
- Jordan
  - 84-004532
  - 84-005670
  - 84-005881
- Kansas
  - 84-004538
  - 84-005922
- Kansas, Eastern
  - 84-004558
- Kansas, Southeastern
  - 84-003641
- Kansas, Westcentral
  - 84-003496
- Kansas: Chase County
  - 84-004934
- Kansas: Crawford County
  - 84-003603
- Kansas: Douglas County
  - 84-003467
- Kansas: Geary County
  - 84-005687
- Kansas: Riley County
  - 84-005687
- Kentucky
  - 84-003931
  - 84-005394
- Kentucky, Western
  - 84-003412
- Kentucky: Madison County
  - 84-004924
- Kenya
  - 84-003490
  - 84-003676
  - 84-003998
  - 84-004203
  - 84-004253
  - 84-004272
  - 84-004312

...CONTINUED...

- Kenya
  - 84-004588
  - 84-005104
  - 84-005255
  - 84-005880
- Kerguelen Archipelago
  - 84-004531
- Korea
  - 84-004866
- Lake Huron
  - 84-005134
- Laos
  - 84-003314
- Latin America
  - 84-004745
- Lesotho
  - 84-005307
- Lesser Antilles
  - 84-005455
- Liberia
  - 84-003118
  - 84-004247
- Louisiana
  - 84-003014
  - 84-003105
  - 84-003114
  - 84-003174
  - 84-003486
  - 84-004004
  - 84-004132
  - 84-004530
- Louisiana, Central
  - 84-003009
- Louisiana, Southern
  - 84-003231
- Louisiana: Terrebonne Parish
  - 84-003164
- Madagascar
  - 84-004286
  - 84-004287
  - 84-005599
  - 84-005795
- Madeiran Islands
  - 84-005245
- Maine
  - 84-004368
  - 84-005037
- Maine, Northern
  - 84-003413
- Maine: Hancock County
  - 84-005229
- Malawi
  - 84-004358
  - 84-004601
  - 84-004899
  - 84-005294
- Malaysia
  - 84-004204

...CONTINUED...
Malaysia
84-004297
84-004324
84-004542
84-004621
84-004628
84-004733
84-005706
Malta
84-003201
84-004521
84-004537
84-004622
84-004905
84-005167
84-005246
84-005261
84-005360
84-005361
84-005362
84-005444
84-005514
84-005521
84-005651
84-005652
84-005659
Marion Island
84-003249
84-003338
84-004053
84-005222
84-005238
Maryland
84-003121
84-003514
84-003745
84-003791
84-003876
84-004482
84-005918
Massachusetts
84-003262
84-003403
84-003739
84-003787
84-003825
84-004079
84-004080
84-005643
84-005690
Massachusetts: Monomoy Natl. Wildlife Refuge
84-004690
Massachusetts: South Middlesex County
84-005672
Massachusetts: Worcester County
84-005410
Mauritius
84-003080
84-004497
84-005478
Mediterranean Region
84-003501
Mexico
84-003122
84-003466
84-003495
84-003620
84-003632
84-004052
84-004084
84-004265
84-004433
84-004478
84-004557
84-005837
84-005909
84-005910
84-005911
84-005912
84-005917
84-005951
84-005972
84-006004
84-006026
84-006046
Michigan
84-003364
84-004402
84-004471
84-004503
84-004504
84-005033
84-005616
84-005632
84-005669
84-005674
84-005905
84-005927
Michigan, Central
84-004133
Michigan, Southeastern
84-005719
Michigan: Isle Royale Natl. Park
84-003476
84-003539
Micronesia
84-002995
Midway Islands
84-005106
Minnesota
84-003170
84-003375
84-003538

...CONTINUED...
Minnesota
    84-003887
    84-003919
    84-004410
    84-004466
    84-004949
    84-004954
    84-005024
    84-005027
    84-005042
    84-005046
    84-005163
    84-005500
    84-005533
    84-005709
    84-005720
Minnesota, Southwestern
    84-003494
Minnesota: Beltrami County
    84-004926
Minnesota: Carlton County
    84-005076
Minnesota: Clearwater County
    84-004985
Minnesota: Dakota County
    84-004384
    84-005380
Minnesota: Hubbard County
    84-005540
Minnesota: Itasca County
    84-004127
Minnesota: Mower County
    84-004877
Minnesota: Winona County
    84-005469
Mississippi
    84-003105
    84-005575
Mississippi: Lauderdale County
    84-002992
Missouri
    84-003339
    84-004435
    84-004517
    84-004596
    84-004627
    84-004697
    84-004831
    84-005262
    84-005752
Missouri: Carter County
    84-003875
Missouri: Franklin County
    84-003513
Missouri: Mingo Natl. Wildlife Refuge
    84-004472
Montana
    84-003367

...CONTINUED...
Montana
    84-003424
    84-003438
    84-003696
    84-003701
    84-003788
    84-004237
    84-005530
Montana, Northeastern
    84-003341
Montana, Southeastern
    84-003454
    84-003455
    84-003456
    84-003458
Montana, Western
    84-003330
    84-003347
Montana: Dawson County
    84-003340
Montana: Glacier Natl. Park
    84-004714
Montana: McCone County
    84-003340
Morocco
    84-003774
    84-004255
    84-004258
    84-005666
    84-005878
    84-005999
Mozambique
    84-005188
Namibia
    84-004011
    84-004229
    84-004565
    84-004925
    84-005030
    84-005198
Nebraska
    84-004627
    84-005045
    84-005320
    84-005331
    84-005332
    84-005629
Nebraska, Central
    84-004984
Nebraska: Hall County
    84-005321
Nebraska: Kearney County
    84-004526
Nepal
    84-005040
    84-005572
Netherlands
    84-003272

...CONTINUED...
Netherlands
  84-003658
  84-003671
  84-004005
  84-004420
  84-004922
  84-004946
  84-004983
  84-005065
  84-005165
  84-005166
  84-005369
  84-005403
  84-005491
Nevada
  84-003213
  84-003421
  84-003684
  84-003769
  84-004820
  84-005345
  84-005414
Nevada, Eastern
  84-003361
Nevada: Clark County
  84-003370
New Caledonia
  84-005000
New Hampshire
  84-003209
  84-004368
  84-004920
New Jersey
  84-003266
  84-004958
  84-005056
  84-005282
  84-005610
New Jersey: Ocean County
  84-005904
New Jersey: Sussex County
  84-005353
New Mexico
  84-003884
  84-004202
  84-005893
New Mexico, Central
  84-005872
New Mexico, Eastern
  84-005346
New Mexico, Northcentral
  84-004188
New Mexico: Chaves County
  84-002996
New Mexico: McKinley County
  84-005268
New Mexico: San Juan County
  84-003373
New Mexico: Union County
  84-003573
New York
  84-003079
  84-003754
  84-003892
  84-004416
  84-004477
  84-004681
  84-005388
  84-005686
New York: Long Island
  84-005385
New York: Madison County
  84-005396
New York: Tompkins County
  84-005396
New Zealand
  84-003087
  84-003102
  84-003123
  84-003204
  84-003255
  84-003673
  84-004094
  84-004095
  84-004097
  84-004099
  84-004149
  84-004174
  84-004444
  84-004556
  84-004686
  84-004843
  84-004965
  84-004970
  84-005023
  84-005209
  84-005214
  84-005247
  84-005457
  84-005480
  84-005488
  84-005583
  84-005608
  84-005704
  84-005711
Nicaragua
  84-003115
Niger
  84-003886
  84-004473
Nigeria
  84-003142
  84-003285
  84-003533
  84-003678

...CONTINUED...
Nigeria
  84-004406
  84-004620
  84-004746
  84-004749
  84-005433
  84-005435
North America
  84-003088
  84-003644
  84-003647
  84-003648
  84-003746
  84-003750
  84-003804
  84-003879
  84-003895
  84-003933
  84-003955
  84-004018
  84-004090
  84-004137
  84-004192
  84-004236
  84-004241
  84-004796
  84-004834
  84-004904
  84-005018
  84-005021
  84-005150
  84-005420
  84-005902
  84-006052
North Carolina
  84-003008
  84-003150
  84-003182
  84-003222
  84-004479
  84-005139
  84-005200
  84-005577
  84-005607
North Carolina, Northeastern
  84-005887
North Carolina: Brunswick County
  84-003141
North Carolina: Craven County
  84-003138
North Carolina: Dare County
  84-003144
  84-004846
North Carolina: Dismal Swamp
  84-004569
North Carolina: Gates County
  84-003120
North Carolina: Great Smoky Mountains Natl. Park
  84-003343
North Carolina: Hyde County
  84-003133
North Carolina: New Hanover County
  84-004595
North Carolina: Pamlico County
  84-003145
North Carolina: Tyrrell County
  84-003139
North Carolina: Washington County
  84-003134
North Carolina: Wilson County
  84-002998
North Dakota
  84-003007
  84-003457
  84-004806
  84-004832
North Dakcta, Southcentral
  84-005290
North Dakota, Western
  84-003077
  84-004436
Norway
  84-003359
  84-003908
  84-003969
  84-004015
  84-004658
  84-004705
  84-004717
  84-004962
  84-005158
Ohio
  84-003271
  84-004131
  84-004561
  84-004586
  84-004851
  84-005100
  84-005470
Ohio: Adams County
  84-005753
Ohio: Franklin County
  84-005734
Ohio: Montgomery County
  84-005335
Oklahoma
  84-004448
  84-004792
  84-005137
  84-005384
  84-005425
  84-005743
Oklahoma: Alfalfa County
  84-004919

GEOGRAPHICAL INDEX

Oklahoma: Cimarron County
84-004903
84-005664
Oklahoma: Tulsa County
84-004903
84-004917
Oregon
84-003289
84-003414
84-003617
84-003670
84-003782
84-004116
84-004405
84-004567
84-004579
84-004699
84-004936
Oregon, Coastal
84-005175
Oregon, Northeastern
84-005333
Oregon, Western
84-003415
84-004114
Oregon: Benton County
84-005587
Oregon: Jackson County
84-003720
Oregon: Multnomah County
84-002993
Oregon: Union County
84-004414
Pacific Ocean
84-004022
84-004030
84-004051
84-004052
84-004055
84-004075
84-005185
84-005206
84-005226
Pacific Ocean, Eastern
84-004062
Pacific Ocean, Northern
84-004032
84-004041
84-004042
84-004043
84-004064
84-004068
Pakistan
84-003183
84-004321
84-005974
Panama
84-003157
...CONTINUED...
Panama
84-003906
84-004468
84-004580
84-005497
84-005679
84-005683
84-005826
84-005843
84-005850
84-006027
84-006080
Papua New Guinea
84-004377
84-004407
84-004408
84-004419
84-004426
84-004427
84-004437
84-004438
84-004439
84-004440
84-004453
84-004461
84-004505
84-004553
84-004573
84-004590
84-004838
84-004990
84-004991
84-004992
84-004993
84-004994
84-005208
84-005292
84-005447
84-005479
84-005503
84-005504
84-005506
84-005507
84-005614
84-005633
84-005699
84-006006
Pennsylvania
84-004118
84-005413
84-005918
Pennsylvania, Northeastern
84-003909
Pennsylvania: Westmoreland County
84-004605
Peru
84-003100

...CONTINUED...
Peru
  84-003497
  84-003498
  84-004330
  84-004333
  84-004341
  84-004463
  84-004513
  84-004575
  84-004979
  84-005087
  84-005600
  84-005631
  84-005940
Philippines
  84-004431
  84-005176
Poland
  84-003104
  84-003124
  84-003158
  84-003159
  84-003515
  84-003590
  84-003591
  84-003640
  84-003743
  84-003760
  84-003926
  84-004403
  84-004418
  84-004519
  84-004535
  84-004536
  84-004653
  84-004696
  84-004767
  84-004768
  84-004769
  84-004807
  84-004895
  84-004896
  84-005058
  84-005059
  84-005311
Portugal
  84-003784
  84-003974
Prince Edward Island
  84-004037
  84-004491
  84-005184
  84-005214
Puerto Rico
  84-003258
  84-004016
  84-004507
...CONTINUED...
Puerto Rico
  84-005857
  84-005875
  84-005991
Reunion
  84-004531
Rhode Island
  84-003149
Rwanda
  84-004249
Samoa Islands
  84-003594
Sao Tome e Principe
  84-004429
  84-005490
Saudi Arabia
  84-004955
Scandinavia
  84-003582
  84-003862
Scotland
  84-003029
  84-003107
  84-003303
  84-003356
  84-003386
  84-003679
  84-003943
  84-003954
  84-003977
  84-004077
  84-004146
  84-004381
  84-004510
  84-004592
  84-004597
  84-004656
  84-004711
  84-004782
  84-004798
  84-004799
  84-004825
  84-004847
  84-004915
  84-004961
  84-004967
  84-004976
  84-004977
  84-005001
  84-005002
  84-005003
  84-005010
  84-005041
  84-005080
  84-005086
  84-005120
  84-005122

...CONTINUED...
Scotland
  84-005170
  84-005306
  84-005339
  84-005422
  84-005429
  84-005537
  84-005553
  84-005638
  84-005653
Senegal
  84-004273
  84-004274
  84-004581
  84-005162
  84-005485
Seychelles Islands
  84-003173
  84-004501
  84-004756
  84-005795
Sierra Leone
  84-005164
Solomon Islands
  84-004432
South Africa
  84-003083
  84-003489
  84-003736
  84-003854
  84-003983
  84-004012
  84-004086
  84-004195
  84-004214
  84-004220
  84-004221
  84-004223
  84-004226
  84-004411
  84-004456
  84-004457
  84-004516
  84-004737
  84-004741
  84-004747
  84-004751
  84-004761
  84-004762
  84-004783
  84-005030
  84-005031
  84-005066
  84-005072
  84-005115
  84-005183
  84-005187

...CONTINUED...
South Africa
  84-005189
  84-005195
  84-005198
  84-005202
  84-005212
  84-005239
  84-005250
  84-005271
  84-005272
  84-005278
  84-005294
  84-005305
  84-005482
  84-005483
  84-005498
  84-005499
South America
  84-003091
  84-003546
  84-004449
  84-004480
  84-004498
  84-005755
  84-005826
South Carolina
  84-003008
  84-003054
  84-003244
  84-003986
  84-003989
  84-004107
  84-004198
  84-004479
  84-004493
  84-004830
  84-004933
  84-005448
  84-005449
  84-005527
  84-005577
  84-005851
  84-006031
  84-006047
South Carolina: Anderson County
  84-004837
South Carolina: Charleston County
  84-005535
  84-005717
South Carolina: Georgetown County
  84-004113
South Carolina: Lee County
  84-004860
South Carolina: McCormick County
  84-005871
South Carolina: Oconee County
  84-005576

South Carolina: Santee Natl. Wildlife Refuge
  84-004902
South China Sea
  84-004422
South Dakota
  84-003696
  84-004602
  84-004832
  84-005309
South Dakota: Brown County
  84-005654
South Dakota: Wind Cave Natl. Park
  84-005391
Spain
  84-003081
  84-003085
  84-003153
  84-003154
  84-003660
  84-003770
  84-004201
  84-004489
  84-004520
  84-004522
  84-004523
  84-004559
  84-004600
  84-004613
  84-004614
  84-004698
  84-004770
  84-004773
  84-004797
  84-004865
  84-004964
  84-004973
  84-005159
  84-005359
  84-005418
  84-005586
  84-005725
  84-005838
  84-005864
  84-005908
  84-006048
Sri Lanka
  84-003018
  84-003238
  84-003630
  84-004036
  84-004069
  84-004469
  84-004771
  84-005935
Sudan
  84-003312

...CONTINUED...
Sudan
  84-003627
Suriname
  84-004307
Sweden
  84-003198
  84-003419
  84-003560
  84-003947
  84-003973
  84-004142
  84-004218
  84-004434
  84-004655
  84-004916
  84-005047
  84-005377
  84-005427
  84-005451
  84-005474
  84-005501
  84-005512
  84-005536
  84-005605
  84-005657
Switzerland
  84-003967
  84-004178
  84-004481
  84-004700
  84-005350
Tanzania
  84-003259
  84-003471
  84-003566
  84-003833
  84-003993
  84-004089
  84-004196
  84-004308
  84-004314
  84-004345
  84-004765
Tennessee
  84-003557
  84-003931
  84-004122
  84-005093
  84-005128
  84-005593
  84-005761
  84-006008
Tennessee, Central
  84-003702
Tennessee, Eastern
  84-003869
Tennessee, Southwestern
  84-005621

Tennessee, Western
  84-003903
  84-003904
  84-003950
  84-004878
  84-005592
  84-005606
Tennessee: Great Smoky Mountains Natl. Park
  84-003343
Tennessee: Hamilton County
  84-005077
Texas
  84-003109
  84-003429
  84-003475
  84-003518
  84-003807
  84-003849
  84-003901
  84-004124
  84-004163
  84-004208
  84-004448
  84-004670
  84-004671
  84-004726
  84-004729
  84-004818
  84-004842
  84-004940
  84-005153
  84-005281
  84-005392
  84-005571
  84-005943
Texas, Eastern
  84-003488
Texas, Northeastern
  84-005926
Texas, Southcentral
  84-003619
Texas, Southern
  84-004109
  84-004674
  84-004883
Texas, Western
  84-004136
Texas: Bastrop County
  84-005809
Thailand
  84-003404
Trinidad and Tobago
  84-005757
Tristan da Cunha Group
  84-004442
  84-004783

...CONTINUED...
Tristan da Cunha Group
  84-005214
  84-005249
Tunisia
  84-003777
  84-003832
  84-005889
Turkey
  84-003809
  84-004615
  84-005334
  84-005438
  84-005549
Uganda
  84-004085
  84-004283
United Kingdom
  84-004780
United States
  84-003090
  84-003093
  84-003096
  84-003119
  84-003125
  84-003177
  84-003245
  84-003263
  84-003318
  84-003331
  84-003372
  84-003385
  84-003393
  84-003427
  84-003790
  84-003958
  84-003979
  84-004222
  84-004242
  84-004742
  84-004788
  84-004829
  84-005022
  84-005025
  84-005026
  84-005508
  84-005594
  84-005646
United States, Central
  84-003172
United States, Eastern
  84-004662
United States, Northeastern
  84-003136
  84-003294
  84-004779
United States, Northwestern
  84-003657

...CONTINUED...
United States, Northwestern
84-003928
84-003953
United States, Southeastern
84-003324
84-003346
84-004016
84-004639
84-005400
United States, Southern
84-003003
84-005718
United States, Southwestern
84-003086
United States, Western
84-003435
84-003446
84-004239
84-004648
84-005044
United States: Appalachian Area
84-003411
United States: Great Plains
84-003140
United States: Mississippi River and Basin
84-003450
84-003451
United States: New England
84-003846
84-005094
Upper Volta
84-003469
USSR
84-003742
84-003795
84-003811
84-003817
84-003835
84-003860
84-003861
84-003914
84-004153
84-004243
84-004474
84-004511
84-004603
84-004859
84-004872
84-005049
84-005050
84-005107
84-005116
84-005182
Utah
84-003439
84-004098

...CONTINUED...
Utah
84-005373
Utah, Central
84-005371
Utah, Northern
84-003332
84-005347
Utah, Southern
84-003982
Utah: Cache County
84-005620
Utah: Rich County
84-005327
Venezuela
84-003487
84-003622
84-004326
84-004327
84-004328
84-005663
84-005820
Vietnam
84-005933
Virgin Islands
84-005678
84-006007
Virginia
84-003121
84-003182
84-003226
84-003521
84-003980
84-004104
84-004485
84-004514
84-004619
84-004928
84-004975
84-005407
84-005832
84-005899
84-006021
Virginia, Southwestern
84-003772
84-004651
84-004712
Virginia: Augusta County
84-004755
Virginia: Back Bay Natl. Wildlife Refuge
84-004952
Virginia: Dismal Swamp
84-004569
Virginia: Fairfax County
84-004812
Virginia: Rockingham County
84-004927
84-004995

GEOGRAPHICAL INDEX

Virginia: Warren County
  84-005328
Wales
  84-003337
  84-004412
  84-004533
  84-004988
  84-005019
  84-005127
  84-005133
  84-005179
  84-005216
  84-005310
  84-005642
  84-005705
Washington
  84-003289
  84-003733
  84-003857
  84-005171
Washington, Eastern
  84-005325
Washington, Northcentral
  84-004117
  84-005650
Washington, Southeastern
  84-005172
Washington: Columbia Natl. Wildlife Refuge
  84-005415
Washington: Franklin County
  84-005316
Washington: Snohomish County
  84-003000
West Germany
  84-004399
  84-004487
  84-004735
  84-004886
  84-004998
  84-005155
  84-005285
  84-005289
  84-005297
  84-005319
  84-005322
  84-005342
  84-005379
  84-005381
  84-005452
  84-005476
  84-005523
  84-005550
  84-005567
  84-005625
  84-005662
  84-005668
...CONTINUED...
West Germany
  84-005680
  84-005740
West Indies
  84-003208
West Virginia
  84-003519
  84-005370
  84-005918
West Virginia, Northern
  84-004425
West Virginia: Berkeley County
  84-005808
West Virginia: Mason County
  84-005140
Wisconsin
  84-003137
  84-003246
  84-003264
  84-003323
  84-003464
  84-004476
  84-004527
  84-004889
  84-004921
  84-005254
  84-005356
Wisconsin, Central
  84-005526
Wisconsin, Northern
  84-003748
Wisconsin, Northwestern
  84-004836
Wisconsin, Southern
  84-004128
Wisconsin: Monroe County
  84-003500
Wisconsin: Richland County
  84-003899
Wisconsin: Winnebago County
  84-003023
Wyoming
  84-005326
  84-005428
Wyoming, Western
  84-003025
Wyoming: Washakie County
  84-002994
Wyoming: Yellowstone Natl. Park
  84-004147
Yugoslavia
  84-003923
  84-005847
Zaire
  84-003483
  84-004308
Zambia
  84-004678

...CONTINUED...
Zambia
   84-004679
   84-005603
   84-005604
   84-005695
   84-006015
Zimbabwe
   84-003565

Amphibians/Reptiles--Behavior
  Aggressive Behavior
    84-005930
  Agonistic Behavior
    84-005879
    84-005960
  Auditory Sense
    84-005779
  Breeding
    84-003207
    84-005879
    84-005960
  Broods/Brooding
    84-005798
  Cannibalism
    84-005790
  Care/Rearing of Young
    84-005857
  Communal Nesting
    84-005989
  Courtship Behavior
    84-005879
    84-006065
  Desert Habitat
    84-005872
  Eggs
    84-005798
    84-005857
  Endocrinology
    84-005833
  Foods/Feeding
    84-005824
    84-005834
    84-005840
    84-005859
    84-005979
  General
    84-005963
    84-006038
    84-006063
  Habitat Use
    84-005765
    84-005834
    84-005872
    84-005945
    84-006040
    84-006070
  Hibernation
    84-006074
  Hormones
    84-005833
  Interspecies Relationships
    84-005765
    84-005850
    84-005945
    84-006040
    84-006070

...CONTINUED...
Amphibians/Reptiles--Behavior
  Intraspecies Relationships
    84-005774
    84-005868
    84-005879
  Jumping
    84-005842
  Learning
    84-005824
  Mating
    84-005828
    84-005856
    84-006005
  Mimicry
    84-006077
  Nesting Sites
    84-005987
    84-006079
  Nests/Nesting
    84-005987
    84-005989
    84-006079
  Olfactory Sense
    84-005798
    84-005924
  Orientation/Homing
    84-005896
  Pair Formation
    84-005856
    84-005860
    84-005873
  Polygyny
    84-003207
  Predation
    84-005834
    84-005979
  Predator/Prey Relationships
    84-005765
    84-005775
    84-005859
    84-005872
    84-006067
  Reproduction
    84-005833
    84-005929
  Sight
    84-005824
  Social Behavior
    84-005800
    84-005860
  Swimming
    84-005934
  Temperature Relationships
    84-005930
  Territorial Defense
    84-006056
  Thermoregulation
    84-005800

...CONTINUED...
Amphibians/Reptiles--Behavior
  Thermoregulation
    84-005971
  Tongue Flicking
    84-006050
  Vocalization
    84-005779
    84-005782
    84-005801
    84-005839
    84-005850
    84-005875
    84-005930
Amphibians/Reptiles--Communities
  England
    84-005771
  Finland
    84-005763
  Habitat Use
    84-005752
    84-005771
  Honduras
    84-005756
    84-005766
  Iowa, Western
    84-005751
  Iowa: Davis County
    84-005762
  Missouri
    84-005752
  Montane Habitat
    84-005755
  Ohio: Adams County
    84-005753
  Rainfall
    84-005756
  South America
    84-005755
  Trinidad and Tobago
    84-005757
Amphibians/Reptiles--Damage
  Control
    84-005978
Amphibians/Reptiles--General
  Bibliographies
    84-005761
  Checklists
    84-005766
  China
    84-005750
  Collections
    84-005758
  Distribution/Arizona
    84-005760
  Habitat Use
    84-003208
    84-005752

...CONTINUED...
Amphibians/Reptiles--General
  Interspecies Relationships
    84-003208
  Life History/General
    84-005760
  Management/Arizona
    84-005760
  Management/India
    84-005764
  Modeling
    84-005752
  Wildlife/Habitat Relationships
    84-006045
Amphibians/Reptiles--Morphology
  Auditory Sense
    84-005818
  Central Nervous System
    84-005959
  Coloration
    84-005882
    84-005890
    84-005893
  Digestive System
    84-005866
    84-006064
  Ears
    84-005839
  Embryology
    84-005806
  Evolution
    84-005821
    84-006012
  Eyes
    84-006004
  General
    84-005784
    84-005788
    84-005813
    84-005869
    84-005873
    84-005921
    84-005943
    84-005962
    84-006041
    84-006046
    84-006057
  Glands
    84-005964
  Growth/Development
    84-005806
  Head
    84-005891
    84-005931
    84-006077
  Jaws
    84-006053
  Legs
    84-005805

...CONTINUED...
Amphibians/Reptiles--Morphology
Legs
84-006017
84-006018
Locomotion
84-005900
84-006018
Mastication
84-006053
Muscles
84-005958
Osteology
84-005805
84-005931
Respiration
84-005959
Scales
84-006016
84-006019
Swimming
84-005934
Tongue
84-005891
84-006053
Amphibians/Reptiles--Mortality
Techniques
84-006073
Amphibians/Reptiles--Parasites/Diseases
Bacterial Diseases
84-005907
Captive Animal Care
84-005981
Chlamydiosis
84-005812
Flies
84-006020
Fungal Diseases
84-005808
General
84-005981
84-006015
Nematodes
84-005878
84-005902
84-006021
Protozoan Diseases
84-005832
Salmonella
84-005907
Treatment
84-005906
84-005952
84-005981
84-005982
84-006051
Trematodes
84-005897

...CONTINUED...
Amphibians/Reptiles--Parasites/Diseases
Trypanosomes
84-005832
Amphibians/Reptiles--Pesticides/Pollution
Bibliographies
84-003228
Chlorinated Hydrocarbons
84-003231
General
84-003216
84-003228
Industrial Wastes
84-003213
Radioactivity
84-003213
Amphibians/Reptiles--Physiology
Adaptation
84-005793
Bioenergetics
84-005796
84-005843
Body Temperature
84-005999
Brain
84-005789
84-005870
Central Nervous System
84-005754
Coloration
84-006061
Cytology
84-005794
84-005817
Digestive System
84-006064
Diving
84-005955
Eggs
84-005857
Embryology
84-005759
84-005778
84-005785
84-005874
84-006014
84-006072
Enzymes
84-005870
Evolution
84-005883
Excretion
84-005844
Eyes
84-005854
Growth/Development
84-005778
84-005785

...CONTINUED...
Amphibians/Reptiles--Physiology
Growth/Development
84-005954
84-006062
Hatching
84-006062
Heart Rate
84-005894
Hematology
84-005836
84-005894
84-005895
84-005997
84-006010
84-006023
84-006030
Hibernation
84-005810
Hormones
84-005776
84-005789
Hypoxia
84-005796
Kidneys
84-005844
Liver
84-005767
84-005870
Metabolism
84-005793
84-005796
84-005858
84-005859
84-005885
84-005955
Metamorphosis
84-005789
84-005816
Ovulation
84-005787
Oxygen
84-005797
84-005894
Parietal Eye
84-005896
Pheromones
84-005944
Pituitary Gland
84-005794
Pregnancy
84-005894
Productivity
84-005954
Proteins
84-005777
84-005874
Regeneration
84-005845

...CONTINUED...
Amphibians/Reptiles--Physiology
Regeneration
84-005846
Reproduction
84-005843
84-005867
84-005912
84-005994
84-006027
84-006061
Respiration
84-005895
RNA
84-005759
Salivary Glands
84-005923
Sight
84-005754
84-005863
Skin
84-005831
84-006033
Spermatogenesis
84-005787
84-005841
Tail Autotomy
84-005883
Tails
84-005816
Temperature Relationships
84-005966
Testicular Cycle
84-005817
Thermoregulation
84-005896
Ultimobranchial Body
84-005862
Urea
84-005793
Water Metabolism
84-005802
84-005857
Amphibians/Reptiles--Techniques
Aging
84-006072
Artificial Insemination
84-005829
84-005830
Census/Survey Methods
84-003213
Eggs
84-005829
84-005830
Handling Methods
84-005947
84-005953
Hematology
84-005884

...CONTINUED...
Amphibians/Reptiles--Techniques
  Laparoscopy
    84-006078
  Mortality
    84-005807
    84-006073
  Nests/Nesting
    84-006073
  Sexing
    84-006041
  Species Identification
    84-005903
  Study Methods
    84-003005
Bibliographies
  Amphibians/Reptiles--General
    84-003005
    84-003228
    84-005761
  Birds--General
    84-004376
    84-005110
  Environmental Factors
    84-003006
  Geomyidae
    84-003840
  Immobilization
    84-003072
  Lead Poisoning
    84-004789
  Mammals--General
    84-003004
  Mammals, Marine
    84-004083
  Nongame Wildlife
    84-003324
  Ondatra zibethicus
    84-003747
  Pesticides
    84-003228
  Polish Theriological
  Bibliography, 1982
    84-003004
  Range Management
    84-003003
  Reserves/Refuges/Parks
    84-003343
  Snakes
    84-006003
  Techniques
    84-003005
  Ungulates
    84-004090
Birds--Banding Studies
  Australia
    84-004606
    84-004607

...CONTINUED...
Birds--Banding Studies
  Australia
    84-004608
    84-004609
    84-004610
  Australia: Victoria
    84-005234
  Canada: Ontario
    84-004616
  England
    84-004598
  General
    84-004587
    84-004777
  Great Britain
    84-004612
    84-004966
  Ireland
    84-004966
  Kenya
    84-004588
  Malawi
    84-004601
  Malta
    84-004622
  Nigeria
    84-004620
  Papua New Guinea
    84-004590
  Pennsylvania
    84-004605
  Spain
    84-004600
    84-004613
    84-004614
  Survival
    84-004598
    84-004601
    84-004938
  Techniques
    84-004594
  Virginia
    84-004619
Birds--Behavior
  Adoption
    84-005034
  Aggressive Behavior
    84-004572
    84-004576
    84-005305
  Agonistic Behavior
    84-004581
    84-004703
    84-004706
    84-004736
    84-005007
    84-005091

...CONTINUED...
Birds--Behavior
Agonistic Behavior
84-005304
84-005690
Alarms
84-005306
84-005383
Auditory Sense
84-005385
84-005547
84-005551
Bathing
84-005129
84-005470
Bioenergetics
84-005177
84-005392
84-005724
Breeding
84-004542
84-004704
84-004846
84-004956
84-004968
84-005008
84-005028
84-005057
84-005102
84-005206
84-005243
84-005260
84-005385
84-005481
84-005511
84-005608
84-005609
84-005627
84-005718
84-005730
Broods/Brooding
84-004863
Care/Rearing of Young
84-004556
84-004754
84-004909
84-005034
84-005095
84-005146
84-005164
84-005389
84-005433
84-005442
84-005448
84-005461
84-005517
84-005552
Colonization
84-004452

...CONTINUED...
Birds--Behavior
Communal Nesting
84-004876
84-004970
84-005182
Courtship Behavior
84-004740
84-004741
84-005014
84-005187
84-005438
84-005456
Defensive Behavior
84-005370
Digging
84-005656
Dispersal
84-004929
Displays
84-004703
84-004733
84-004753
84-005014
84-005091
84-005147
84-005201
84-005255
84-005420
Diurnal Rhythm
84-004848
84-005162
84-005386
84-005414
84-005557
Egg Laying
84-004868
Eggs
84-005722
Endocrinology
84-004578
Evolution
84-004618
Feeding Sites
84-004575
84-005037
Flight
84-004548
84-004554
84-004880
84-005255
84-005263
84-005558
Flocks
84-004416
84-005405
84-005643
Food Consumption
84-005007

...CONTINUED...
Birds--Behavior
  Food Hoarding
    84-004560
    84-005424
    84-005502
    84-005575
  Food Robbing
    84-004581
    84-005156
    84-005158
    84-005299
    84-005313
  Food Supply
    84-004779
  Foods/Feeding
    84-004557
    84-004561
    84-004562
    84-004567
    84-004573
    84-004575
    84-004580
    84-004584
    84-004585
    84-004773
    84-004779
    84-004897
    84-004941
    84-004972
    84-004982
    84-004983
    84-005006
    84-005007
    84-005012
    84-005025
    84-005036
    84-005053
    84-005062
    84-005063
    84-005080
    84-005084
    84-005126
    84-005157
    84-005164
    84-005168
    84-005179
    84-005187
    84-005228
    84-005273
    84-005293
    84-005301
    84-005302
    84-005303
    84-005308
    84-005356
    84-005375
    84-005403

...CONTINUED...
Birds--Behavior
  Foods/Feeding
    84-005404
    84-005405
    84-005409
    84-005433
    84-005441
    84-005445
    84-005479
    84-005515
    84-005522
    84-005534
    84-005558
    84-005559
    84-005586
    84-005626
    84-005627
    84-005631
    84-005644
    84-005683
    84-005719
    84-005734
  General
    84-004757
    84-004772
    84-004934
    84-004969
    84-004981
    84-005095
    84-005162
    84-005269
    84-005371
    84-005479
    84-005546
    84-005577
    84-005600
    84-005620
  Grooming/Preening
    84-004802
  Habitat Use
    84-004570
    84-004726
    84-004728
    84-004833
    84-004941
    84-004962
    84-004987
    84-005099
    84-005101
    84-005108
    84-005162
    84-005303
    84-005405
    84-005414
    84-005445
    84-005449
    84-005683

...CONTINUED...
Birds--Behavior
  Habitat Use
    84-005734
  Head Movements
    84-005690
  Home Range/Territory
    84-004983
    84-004987
    84-005401
    84-005508
    84-005602
  Incubation
    84-004738
    84-004863
    84-004868
    84-004932
    84-004940
    84-004963
    84-005512
  Infanticide
    84-004989
  Interspecies Relationships
    84-004375
    84-004551
    84-004553
    84-004557
    84-004562
    84-004565
    84-004566
    84-004570
    84-004572
    84-004579
    84-004581
    84-004584
    84-004586
    84-004687
    84-004773
    84-004881
    84-004956
    84-004962
    84-004968
    84-004979
    84-005087
    84-005101
    84-005157
    84-005299
    84-005302
    84-005303
    84-005305
    84-005316
    84-005363
    84-005438
    84-005590
    84-005602
    84-005643
    84-005683
  Intraspecies Relationships
    84-004982

...CONTINUED...
Birds--Behavior
  Intraspecies Relationships
    84-005006
    84-005034
    84-005147
    84-005201
    84-005389
    84-005405
    84-005433
    84-005461
    84-005511
    84-005512
    84-005567
  Light
    84-004585
  Mating
    84-004539
    84-005402
    84-005476
    84-005617
  Mimicry
    84-004552
    84-004568
    84-004733
    84-005432
    84-005484
    84-005602
  Monogamy
    84-004996
    84-005517
  Movements
    84-004833
  Nest Parasitism
    84-004556
    84-004558
    84-004564
    84-004569
    84-005414
    84-005417
  Nesting Sites
    84-004417
    84-005363
  Nests/Nesting
    84-004551
    84-004553
    84-004565
    84-004566
    84-004582
    84-004586
    84-004841
    84-004863
    84-004876
    84-004960
    84-004970
    84-005182
    84-005304
    84-005347

...CONTINUED...
Birds--Behavior
  Nests/Nesting
    84-005370
    84-005431
    84-005457
    84-005512
    84-005590
    84-005608
    84-005692
    84-005722
  Nocturnal Activities
    84-004726
    84-005092
    84-005206
    84-005713
  Olfactory Sense
    84-005301
  Orientation/Homing
    84-004618
    84-004960
    84-005005
    84-005229
    84-005431
    84-005454
  Overwintering
    84-004953
    84-004969
    84-005053
    84-005410
  Pair Formation
    84-004846
    84-004884
    84-004996
    84-005049
    84-005229
    84-005508
    84-005684
  Perching Sites
    84-005135
  Pollination
    84-005483
    84-005745
  Polyandry
    84-005099
    84-005124
    84-005146
    84-005487
  Polygamy
    84-005102
    84-005318
  Polygyny
    84-004997
    84-005437
    84-005508
    84-005579
    84-005680
    84-005684

...CONTINUED...
Birds--Behavior
  Predation
    84-004567
    84-005036
  Predator/Prey Relationships
    84-004577
    84-004685
    84-005108
    84-005156
    84-005168
    84-005375
    84-005391
    84-005641
  Reproduction
    84-004750
  Resting Sites
    84-005647
  Roosts/Roosting
    84-004565
    84-004583
    84-004726
    84-005015
    84-005037
    84-005261
    84-005328
    84-005392
    84-005468
    84-005713
  Scavengers
    84-005084
    84-005299
  Seasonal Activities
    84-005179
    84-005407
    84-005661
    84-005724
  Seed Dispersal
    84-004377
    84-004559
    84-004573
    84-005564
  Sight
    84-004571
    84-004571
    84-005547
  Snow
    84-005424
    84-005544
  Social Behavior
    84-004563
    84-004704
    84-004720
    84-005174
    84-005303
    84-005382
    84-005404
    84-005410

...CONTINUED...
Birds--Behavior
  Social Behavior
   84-005420
   84-005432
   84-005567
   84-005627
   84-005643
   84-005673
   84-005718
   84-005722
  Territorial Defense
   84-005158
   84-005476
   84-005555
   84-005644
  Tools
   84-004549
   84-004550
   84-005699
  Vocalization
   84-004552
   84-004555
   84-004568
   84-004720
   84-004722
   84-004728
   84-004750
   84-004887
   84-004955
   84-005081
   84-005091
   84-005121
   84-005140
   84-005154
   84-005206
   84-005216
   84-005279
   84-005284
   84-005306
   84-005373
   84-005383
   84-005385
   84-005388
   84-005393
   84-005443
   84-005444
   84-005452
   84-005476
   84-005484
   84-005488
   84-005491
   84-005515
   84-005537
   84-005541
   84-005551
   84-005555
   84-005556

...CONTINUED...
Birds--Behavior
  Vocalization
   84-005568
   84-005587
   84-005601
   84-005602
   84-005630
   84-005637
   84-005638
   84-005661
   84-005697
   84-005717
   84-005737
  Weather
   84-005544
Birds--Communities
  Arabian Sea and Area
   84-005205
  Arizona
   84-004512
   84-004528
  Australia
   84-004524
  Australia: New South Wales
   84-004484
  Australia: South Australia
   84-004764
  Australia: Victoria
   84-004506
  Australia: Western Australia
   84-004400
   84-004459
   84-004475
  Belize
   84-004467
   84-004488
  Botswana
   84-004499
  Bouvet Island
   84-005248
  Brazil
   84-004494
   84-004515
  California: Sierra Nevada
   84-004509
  Canada: Alberta
   84-004430
  Canada: Manitoba
   84-004380
  Canada: Northwest Territories
   84-005203
  Canada: Ontario
   84-004465
   84-004471
   84-004502
  Canada: Saskatchewan
   84-004401

...CONTINUED...
Birds--Communities
Canada: Saskatchewan
84-004458
Caribbean Area
84-004525
Central America
84-004480
Christmas Counts
84-004402
84-004458
84-004514
Christmas Island
84-004470
Colonization
84-004450
84-004451
Colorado
84-004415
84-004423
84-004464
Crozet Archipelago
84-004531
Dams
84-004417
Denmark
84-004441
84-004486
Desert Habitat
84-004528
Egypt
84-004445
England
84-004428
Environmental Factors
84-004468
Europe, Northern
84-004529
Faeroe Islands
84-004409
Farmland
84-004477
Finland
84-004450
84-004451
84-004452
84-004495
84-004496
Florida
84-004795
Forestry Practices
84-004480
Forests
84-004408
84-004424
84-004446
84-004481
84-004482

...CONTINUED...
Birds--Communities
Forests
84-004498
84-004508
84-004535
84-004536
Forests, Coniferous
84-004414
Forests, Deciduous
84-004493
Forests, Tropical
84-004407
84-004468
84-004480
84-004590
Gambia
84-004421
84-004518
General
84-004457
Gibraltar
84-004534
Grasslands
84-004448
84-004517
84-004530
Habitat Alterations
84-003414
84-003415
84-003419
Habitat Use
84-004424
84-004435
84-004436
84-004457
84-004468
84-004472
84-004474
84-004481
84-004484
84-004495
84-004496
84-004509
84-004512
84-004528
84-004795
Hawaii
84-004508
History/South Africa
84-004411
Hungary
84-004443
Iceland
84-004483
84-004500
Illinois
84-004454

...CONTINUED...
- Birds--Communities
  - Illinois: Piatt County
    - 84-004446
  - Indian Ocean
    - 84-004462
  - Indonesia
    - 84-004404
  - Iowa
    - 84-004413
    - 84-004417
    - 84-004490
  - Iowa, Western
    - 84-004460
  - Islands
    - 84-004400
    - 84-004404
    - 84-004409
    - 84-004411
    - 84-004412
    - 84-004422
    - 84-004429
    - 84-004431
    - 84-004432
    - 84-004441
    - 84-004442
    - 84-004447
    - 84-004450
    - 84-004451
    - 84-004452
    - 84-004462
    - 84-004470
    - 84-004475
    - 84-004491
    - 84-004494
    - 84-004496
    - 84-004497
    - 84-004510
    - 84-004524
    - 84-004533
    - 84-004764
    - 84-005203
    - 84-005205
    - 84-005244
  - Jordon
    - 84-004532
  - Kansas
    - 84-004538
  - Kerguelen Archipelago
    - 84-004531
  - Lakes
    - 84-004430
    - 84-004483
    - 84-004522
  - Louisiana
    - 84-004530
  - Malta
    - 84-004521

...CONTINUED...
- Birds--Communities
  - Malta
    - 84-004537
  - Marshes
    - 84-003419
    - 84-004413
    - 84-004527
  - Maryland
    - 84-004482
  - Mauritius
    - 84-004497
  - Mexico
    - 84-004433
    - 84-004478
  - Michigan
    - 84-004402
    - 84-004471
    - 84-004503
    - 84-004504
  - Minnesota
    - 84-004410
    - 84-004466
  - Missouri
    - 84-004435
    - 84-004517
  - Missouri: Mingo Natl. Wildlife Refuge
    - 84-004472
  - Montane Habitat
    - 84-004463
    - 84-004509
  - Nebraska: Kearney County
    - 84-004526
  - Netherlands
    - 84-004420
  - New York
    - 84-004416
    - 84-004477
  - New Zealand
    - 84-004444
  - Niger
    - 84-004473
  - Nigeria
    - 84-004406
  - North Carolina
    - 84-004479
  - North Dakota, Western
    - 84-004436
  - Oklahoma
    - 84-004448
  - Oregon
    - 84-003414
    - 84-004405
  - Oregon, Western
    - 84-003415
  - Oregon: Union County
    - 84-004414

...CONTINUED...
Birds--Communities
  Overwintering
   84-004448
   84-004476
   84-004504
   84-004520
   84-004538
  Panama
   84-004468
  Papua New Guinea
   84-004407
   84-004408
   84-004419
   84-004426
   84-004427
   84-004437
   84-004438
   84-004439
   84-004440
   84-004453
   84-004461
   84-004505
   84-004590
  Peru
   84-004463
   84-004513
  Philippines
   84-004431
  Poland
   84-004403
   84-004418
   84-004519
   84-004535
   84-004536
  Population Ecology
   84-004434
  Prince Edward Island
   84-004491
  Puerto Rico
   84-004507
  Reunion
   84-004531
  Riparian Habitat
   84-004473
   84-004474
   84-004511
   84-004512
  Sao Tome e Principe
   84-004429
  Scotland
   84-004510
  Sewage Treatment Plants
   84-004485
  Seychelles Islands
   84-004501
  Solomon Islands
   84-004432

...CONTINUED...
Birds--Communities
  South Africa
   84-004411
   84-004456
   84-004457
   84-004516
  South America
   84-003091
   84-004449
   84-004480
   84-004498
  South Carolina
   84-004479
   84-004493
  South China Sea
   84-004422
  Spain
   84-004489
   84-004520
   84-004522
   84-004523
  Species Diversity
   84-004413
   84-004447
   84-004493
   84-004525
   84-004527
   84-004533
  Sri Lanka
   84-004469
  Sweden
   84-003419
   84-004434
  Switzerland
   84-004481
  Texas
   84-004448
  Tristan da Cunha Group
   84-004442
  Trophic Relationships
   84-004516
  United Kingdom
   84-004780
  Urban Habitat
   84-004454
   84-004506
  USSR
   84-004474
   84-004511
  Virginia
   84-004485
   84-004514
  Wales
   84-004412
   84-004533
  Weather
   84-004446

...CONTINUED...
Birds--Communities
- West Germany
  - 84-004487
- West Virginia, Northern
  - 84-004425
- Wetlands
  - 84-003137
  - 84-004474
  - 84-004486
  - 84-004511
  - 84-004523
- Wisconsin
  - 84-003137
  - 84-004476
  - 84-004527
- Zoogeography
  - 84-004431
  - 84-004447
  - 84-004525

Birds--Damage
- Aircraft
  - 84-004682
  - 84-004683
- Avitrol
  - 84-004684
- Control
  - 84-004683
  - 84-004945
  - 84-005384
- Corn
  - 84-004681
  - 84-004684
- General
  - 84-005394
- Pecans
  - 84-005384
- Repellents
  - 84-004684

Birds--General
- Aerial Surveys
  - 84-004365
- Aircraft
  - 84-004682
- Bibliographies
  - 84-004376
- Birdwatching
  - 84-004381
  - 84-004433
  - 84-004488
- Captive Animal Care
  - 84-004363
- Census/Survey Methods
  - 84-004365
- Checklists
  - 84-004428
  - 84-004439
  - 84-004459

...CONTINUED...
Birds--General
- Christmas Counts
  - 84-004500
- Collections
  - 84-004370
  - 84-004378
- Coloration
  - 84-004363
- Damage by Wildlife
  - 84-003249
- Diets
  - 84-004363
- Distribution/Minnesota
  - 84-004466
- Eggs
  - 84-004383
- Endangered/Threatened Species
  - 84-003187
- Evolution
  - 84-004364
  - 84-004372
  - 84-004382
- Foods/Feeding
  - 84-004368
  - 84-004580
- General
  - 84-004379
- Habitat Alterations
  - 84-003331
- Habitat Surveys
  - 84-004435
- Habitat Use
  - 84-003208
  - 84-004365
  - 84-004366
  - 84-004367
  - 84-004368
  - 84-004509
  - 84-004654
- Handbooks
  - 84-004371
- Harvest/Hunting Statistics
  - 84-004374
- Interspecies Relationships
  - 84-003208
  - 84-004375
- Longevity
  - 84-004601
  - 84-005679
- Management/Finland
  - 84-004373
- Migration
  - 84-004366
  - 84-004367
  - 84-004591
  - 84-004596
- Mining
  - 84-003331

SUBJECT INDEX

...CONTINUED...
- Birds--General
  - Modeling
    - 84-004375
  - Mortality
    - 84-004682
  - Nest Boxes
    - 84-004380
  - Nesting Sites
    - 84-004509
  - Nests/Nesting
    - 84-004383
  - Population Ecology
    - 84-004364
  - Predators
    - 84-003255
  - Scotland
    - 84-004381
  - Seed Dispersal
    - 84-004377
  - Sewage Disposal
    - 84-004654
  - Sewage Effluents
    - 84-004654
  - Species Diversity
    - 84-004369
  - Species Identification
    - 84-004371
  - Wildlife/Habitat Relationships
    - 84-003249
    - 84-004377
    - 84-004457
  - Zoogeography
    - 84-004379
- Birds--Migration
  - Africa, Southern
    - 84-004777
  - Algeria
    - 84-004589
  - Egypt
    - 84-005264
  - Europe, Northern
    - 84-004617
    - 84-004623
  - General
    - 84-004571
    - 84-004571
    - 84-004591
    - 84-004593
    - 84-004596
    - 84-004599
    - 84-004604
    - 84-004611
    - 84-004624
  - Iceland
    - 84-004592
  - Kenya
    - 84-004588

...CONTINUED...
- Birds--Migration
  - Magnetic Field
    - 84-004604
  - Malaysia
    - 84-004621
  - Nocturnal Activities
    - 84-004617
  - North Carolina
    - 84-004595
  - Orientation/Homing
    - 84-004604
    - 84-004618
  - Scotland
    - 84-004592
    - 84-004597
  - Seychelles Islands
    - 84-004501
  - South Dakota
    - 84-004602
  - Techniques
    - 84-004592
    - 84-004593
  - Turkey
    - 84-004615
  - USSR
    - 84-004603
- Birds--Morphology
  - Auditory Sense
    - 84-004826
    - 84-004827
  - Bills
    - 84-005625
    - 84-005701
    - 84-005729
  - Body Fat
    - 84-005221
  - Coloration
    - 84-004363
    - 84-004539
    - 84-004546
    - 84-004714
    - 84-004733
    - 84-004923
    - 84-004980
    - 84-005068
    - 84-005089
    - 84-005174
    - 84-005427
    - 84-005468
    - 84-005510
    - 84-005625
    - 84-005640
    - 84-005666
    - 84-005673
    - 84-005701
    - 84-005728
    - 84-005729

SUBJECT INDEX

...CONTINUED...
Birds--Morphology
  Digestive System
    84-004831
  Eggs
    84-004707
    84-004944
    84-004988
    84-005035
    84-005125
    84-005227
    84-005413
  Embryology
    84-004826
  Evolution
    84-005665
  Eyes
    84-005068
    84-005640
  Feathers
    84-004545
    84-005548
  Flight
    84-004548
  General
    84-004893
    84-004922
    84-004988
    84-005043
    84-005044
    84-005054
    84-005070
    84-005073
    84-005216
    84-005221
    84-005455
    84-005495
    84-005519
    84-005549
    84-005594
    84-005597
    84-005613
    84-005618
    84-005623
    84-005628
    84-005665
    84-005702
  Legs
    84-004862
  Male Reproductive Organs
    84-004540
  Mimicry
    84-005468
  Molting
    84-005514
  Muscles
    84-004694
    84-005689

...CONTINUED...
Birds--Morphology
  Osteology
    84-005219
  Plumage
    84-004539
    84-004545
    84-004733
    84-005054
    84-005174
    84-005395
    84-005462
    84-005666
  Salt Gland
    84-004840
  Wings
    84-005595
    84-005610
  Zoogeography
    84-004525
Birds--Mortality
  Accidents
    84-005217
    84-005496
  Electrocution
    84-005253
  Foods/Feeding
    84-005355
  Gas Flares
    84-004628
  General
    84-004625
    84-004672
    84-004682
    84-004824
    84-005006
    84-005650
  Techniques
    84-004708
  Towers
    84-004626
    84-004627
  Weather
    84-004627
Birds--Parasites/Diseases
  Aspergillosis
    84-005211
    84-005286
  Avian Tuberculosis
    84-005331
  Bacterial Diseases
    84-005331
    84-005710
    84-005732
  Captive Animal Care
    84-005710
  Cestodes
    84-004948

SUBJECT INDEX

...CONTINUED...
Birds--Parasites/Diseases
  Cestodes
    84-005648
  Chlamydiosis
    84-004676
    84-004676
    84-005710
  Coccidiosis
    84-004790
  Duck Plague
    84-004791
  Ectoparasites
    84-005678
  Flies
    84-005516
    84-005682
  Fungal Diseases
    84-005211
    84-005286
  Injuries
    84-005079
    84-005358
  Lice, Chewing
    84-005230
    84-005346
    84-005678
  Mosquitoes
    84-004981
  Nematodes
    84-004747
  Protozoan Diseases
    84-004678
    84-004679
    84-004746
    84-004790
    84-005323
    84-005603
    84-005604
  Rabies
    84-005419
  Salmonella
    84-005732
  Ticks
    84-004778
  Trematodes
    84-004931
    84-005160
  Vectors of Disease
    84-005419
  Viral Diseases
    84-004677
    84-004713
    84-004778
    84-004791
    84-004800
    84-005419
  Zambia
    84-004678
Birds--Pesticides/Pollution
  Agricultural Practices
    84-004674
  Aroclor
    84-004666
  Cadmium
    84-004647
  Chlordane
    84-004665
  Chlorinated Hydrocarbons
    84-004635
    84-004643
    84-004644
    84-004653
    84-004658
    84-004663
    84-004665
  DDE
    84-004648
    84-004667
  DDT
    84-004663
    84-004664
  Denmark
    84-004641
  Diazinon
    84-004629
  Eggshell Thinning
    84-004643
    84-004644
    84-004661
    84-004664
    84-004673
  Finland
    84-004669
  General
    84-004646
  Heavy Metals
    84-004634
    84-004636
    84-004647
    84-004650
    84-004651
    84-004655
    84-004657
    84-004658
    84-004659
    84-004660
    84-004661
    84-004673
  Herbicides
    84-004649
  Insecticides
    84-004649
  Lead
    84-004636
    84-004651

...CONTINUED...
Birds--Pesticides/Pollution
  Lead
    84-004659
    84-004661
    84-004673
  Lead Poisoning
    84-004631
    84-004632
    84-004633
    84-004638
    84-004642
    84-004652
    84-004670
    84-004671
    84-004784
    84-004789
  Manganese
    84-004673
  Mercury
    84-004634
    84-004655
    84-004657
    84-004658
  Nontarget Organisms
    84-004663
  Oil Pollution
    84-004630
    84-004637
    84-004639
    84-004640
    84-004641
    84-004649
    84-004656
    84-004662
    84-004668
    84-004669
    84-004675
  Organophosphates
    84-004629
    84-004645
    84-004674
  Paraquat
    84-004635
  Plastics
    84-004672
  Polychlorinated Biphenyls
    84-004666
  Reproduction
    84-004646
  Selenium
    84-004650
  Sewage Disposal
    84-004654
  Sewage Effluents
    84-004654
Birds--Physiology
  Albinism
    84-004546

...CONTINUED...
Birds--Physiology
  Albinism
    84-005023
    84-005399
  Amino Acids
    84-005677
  Bioenergetics
    84-004542
    84-004851
    84-005031
    84-005190
    84-005386
    84-005482
    84-005542
    84-005596
    84-005675
  Brain
    84-004645
  Breeding
    84-004971
  Digestive System
    84-005707
  Diurnal Rhythm
    84-005513
  Diving
    84-004864
    84-004885
  Eggs
    84-004944
    84-005227
    84-005251
    84-005413
    84-005694
  Embryology
    84-005236
    84-005251
  Endocrinology
    84-004578
    84-004637
  Flight
    84-004543
  Foods/Feeding
    84-004851
  General
    84-004541
    84-004897
    84-005298
  Gonads
    84-005298
  Growth/Development
    84-004635
    84-005031
    84-005118
    84-005341
  Heart Rate
    84-004885
  Hematology
    84-004544

...CONTINUED...
Birds--Physiology
Hematology
84-004759
84-005254
Hormones
84-004724
84-004891
84-005609
Hybridization
84-005588
Incubation
84-004845
84-005190
84-005386
Kidneys
84-004721
Male Reproductive Organs
84-005585
Melanism
84-005364
Metabolism
84-004885
84-005106
84-005190
Migration
84-004859
84-005570
84-005610
Molting
84-004853
84-004859
84-004875
84-004891
84-005104
84-005235
84-005298
84-005374
84-005473
84-005591
Muscles
84-005570
Nutrition
84-005548
84-005591
84-005596
Osmoregulation
84-004547
Osteology
84-004544
Ovulation
84-004852
84-005660
Oxygen
84-005408
Photoperiodism
84-004852
Physical Condition
84-004922

...CONTINUED...
Birds--Physiology
Physical Condition
84-004947
84-004971
Pineal Gland
84-005513
Reproduction
84-004542
84-004635
84-004637
84-005341
84-005596
84-005609
Respiration
84-004760
84-004951
84-005408
Salt Gland
84-004840
Stress
84-005548
Swimming
84-004885
Temperature Relationships
84-004760
84-005676
Thermoregulation
84-004709
84-004710
84-004951
84-005398
84-005676
Thyroid Gland
84-004724
Water Metabolism
84-004721
84-004727
84-004734
84-005675
84-005698
Birds--Techniques
Aerial Surveys
84-004365
Aging
84-004725
84-005078
84-005105
84-005127
84-005270
84-005529
84-005549
84-005595
84-005686
84-005748
Anesthetics
84-004387
Banding
84-004587

...CONTINUED...
Birds--Techniques
  Banding Studies
    84-004594
  Biometrics
    84-004593
  Captive Animal Care
    84-004363
    84-005348
  Capturing Methods
    84-005726
  Census/Survey Methods
    84-004365
    84-004373
    84-004385
    84-004388
    84-004389
    84-004397
    84-004399
    84-004769
    84-004775
    84-004787
    84-004855
    84-004882
    84-004915
    84-005001
    84-005041
    84-005120
    84-005122
    84-005170
    84-005239
    84-005378
  Data Storage/Retrieval
    84-005078
  Diets
    84-004363
  Digestion Studies
    84-005204
  Electrophoresis
    84-004394
  Food Habits Studies
    84-004386
  Habitat Use
    84-004705
    84-004830
    84-004842
  Harvest/Hunting Statistics
    84-004715
  Hematology
    84-005349
  Home Range/Territory
    84-005662
  Mapping
    84-004399
    84-005662
  Marking
    84-004751
    84-004752

...CONTINUED...
Birds--Techniques
  Marking
    84-005415
  Migration
    84-004593
    84-004603
  Nest Boxes
    84-004837
    84-005252
    84-005381
  Nesting Sites
    84-004837
  Nests/Nesting
    84-004391
    84-004396
    84-004775
  Nets/Netting
    84-004395
    84-005416
    84-005520
  Perching Sites
    84-005288
  Plantings
    84-003294
  Propagation
    84-004392
  Radar
    84-004603
  Recording Equipment
    84-005288
  Rehabilitation
    84-005348
  Roosts/Roosting
    84-005400
  Satellite Imagery
    84-004592
  Sexing
    84-004393
    84-004398
    84-004887
    84-005043
    84-005044
    84-005105
    84-005216
    84-005270
    84-005455
    84-005529
    84-005549
    84-005595
    84-005613
    84-005686
    84-005748
  Species Identification
    84-004390
  Sperm Preservation
    84-004392
  Study Methods
    84-004751

...CONTINUED...
Birds--Techniques
  Telemetry
    84-004705
    84-004717
    84-004830
    84-005352
    84-005400
    84-005414
  Transect Surveys
    84-004388
  Traps/Trapping
    84-004751
    84-004921
    84-005312
    84-005352
  Vocalization
    84-005365
Ecosystems
  Assessment
    84-003135
  Australia: Great Barrier Reef
    84-003165
  Bogs
    84-003008
  Deltas
    84-003105
  Desert Habitat
    84-003095
    84-003117
    84-004589
  Estuaries
    84-003149
    84-003166
    84-003230
  Falkland Islands
    84-003127
  Florida
    84-003175
  Forests
    84-003123
  Forests, Tropical
    84-003168
    84-003417
  General
    84-003035
  Grasslands
    84-003122
  Gulf of Mexico
    84-003146
    84-003147
  Habitat Surveys
    84-003122
    84-003146
    84-003147
    84-003174
    84-003175
    84-003405

...CONTINUED...
Ecosystems
  Illinois
    84-003155
  India
    84-003162
  Islands
    84-003107
    84-003127
    84-003846
    84-004432
    84-004452
  Louisiana
    84-003105
    84-003114
    84-003174
  Management
    84-003149
    84-003155
    84-003156
    84-003168
    84-003230
    84-003403
  Management/Ecuador
    84-003215
  Management/Florida
    84-003431
  Management/United States, Central
    84-003172
  Mangroves
    84-003112
    84-003113
    84-003152
    84-003215
  Marshes
    84-003128
    84-003161
    84-003166
    84-003486
    84-004413
  Maryland
    84-003121
  Mexico
    84-003122
  Mississippi
    84-003105
  Modeling
    84-003156
  Montane Habitat
    84-003354
  New Zealand
    84-003123
  Rangeland
    84-003155
    84-003394
  Riparian Habitat
    84-003174

...CONTINUED...
Ecosystems
- Riparian Habitat
  - 84-003311
  - 84-003830
- Sand Dunes
  - 84-003162
- Scotland
  - 84-003107
- Tundra
  - 84-003027
  - 84-003221
  - 84-003420
  - 84-003443
- Virginia
  - 84-003121
- Wetlands
  - 84-003086
  - 84-003090
  - 84-003114
  - 84-003119
  - 84-003120
  - 84-003121
  - 84-003133
  - 84-003134
  - 84-003135
  - 84-003136
  - 84-003137
  - 84-003138
  - 84-003139
  - 84-003140
  - 84-003141
  - 84-003144
  - 84-003145
  - 84-003150
  - 84-003161
  - 84-003164
  - 84-003170
  - 84-003172
  - 84-003177
  - 84-003233
  - 84-003292
  - 84-003304
  - 84-003405
  - 84-003412
  - 84-003431

Endangered/Threatened Species
- Africa, Southern
  - 84-003180
- Birds--General
  - 84-003187
  - 84-004403
- California
  - 84-003181
- Critical Habitat
  - 84-003447
- Finland
  - 84-003019

...CONTINUED...
Endangered/Threatened Species
- Florida
  - 84-003178
  - 84-003186
- General
  - 84-003447
- Haiti
  - 84-003187
- Illinois
  - 84-003185
- Mammals--General
  - 84-003183
  - 84-003187
- North Carolina
  - 84-003182
- Pakistan
  - 84-003183
- Plants--General
  - 84-003019
  - 84-003178
  - 84-003179
  - 84-003180
  - 84-003181
  - 84-003182
  - 84-003186
- Poland
  - 84-004403
- Propagation
  - 84-003184
- Virginia
  - 84-003182

Environmental Factors
- Altitude
  - 84-005811
- Bibliographies
  - 84-003006
- Climate
  - 84-003006
  - 84-003366
  - 84-003832
  - 84-003836
  - 84-003925
  - 84-004109
  - 84-004779
  - 84-005398
  - 84-005712
  - 84-006027
- Drought
  - 84-003452
  - 84-005162
- General
  - 84-003554
  - 84-003843
  - 84-004468
  - 84-004582
  - 84-004761
  - 84-004943

...CONTINUED...
Environmental Factors
  General
    84-006014
  Hailstorms
    84-004772
  Humidity
    84-004760
  Light
    84-004585
    84-005863
  Magnetic Field
    84-005454
  pH
    84-005861
  Photoperiodism
    84-003562
    84-003588
    84-003699
    84-003726
    84-003838
    84-003852
    84-003959
    84-003964
    84-004852
    84-005557
    84-005660
  Rainfall
    84-004772
    84-005457
    84-005627
    84-005756
  Snow
    84-003479
    84-003787
    84-004709
    84-004710
    84-005544
  Temperature
    84-003006
    84-003506
    84-003552
    84-003693
    84-003881
    84-004017
    84-004148
    84-004269
    84-004300
    84-004760
    84-004951
    84-005236
    84-005441
    84-005676
    84-005800
    84-005811
    84-005842
    34-005861
    84-005876

...CONTINUED...
Environmental Factors
  Temperature
    84-005905
    84-005913
    84-005930
    84-005966
    84-005995
    84-006002
    84-006010
  Tides/Waves
    84-003128
  Weather
    84-003036
    84-003366
    84-004446
    84-004627
    84-004779
    84-004963
    84-005360
    84-005362
    84-005544
    84-005663
    84-005963
  Wind
    84-005291
  Winter
    84-004102
    84-004205
    84-005905
Exotic Species
  England
    84-005703
  Hawaii
    84-003188
  Introduction
    84-003188
Habitat Alterations
  Africa
    84-003401
  Agricultural Practices
    84-003339
    84-003350
    84-003401
    84-003444
    84-004732
    84-004763
  Aircraft
    84-003378
    84-003448
  Alaska
    84-003351
    84-003382
    84-003425
  Arctic Ocean
    84-003453
  Arizona
    84-003342

...CONTINUED...
Habitat Alterations
  Assessment
    84-003365
  Blasting
    84-003338
  Bolivia
    84-003350
  California
    84-003334
    84-003354
    84-003390
    84-003394
    84-003395
    84-003426
  Canada
    84-003321
    84-003389
  Canada: Yukon
    84-003391
  Channelization
    84-003337
  Computer Use
    84-003461
  Dams
    84-003328
    84-003342
    84-003358
    84-003447
    84-003450
    84-003451
    84-004417
    84-004794
  Disturbances
    84-003124
    84-003126
    84-003343
    84-003359
    84-003376
    84-003377
    84-003378
    84-003398
    84-003399
    84-003416
    84-003446
    84-003448
    84-004181
    84-005992
  Energy Development
    84-003213
    64-003340
    84-003341
    84-003363
    84-003373
    84-003381
    84-003382
    84-003383
    84-003384

...CONTINUED...
Habitat Alterations
  Energy Development
    84-003388
    84-003389
    84-003395
    84-003405
    84-003420
    84-003425
    84-003435
    84-003443
    84-003446
    84-003453
    84-003454
    84-003455
    84-003456
    84-003457
    84-003458
    84-003459
    84-003460
  Environmental Impact Statements
    84-003336
    84-003389
  Fertilization/Soil and Water
    84-003409
  Fires/Burns
    84-003325
    84-003330
    84-003333
    84-003334
    84-003335
    84-003347
    84-003352
    84-003354
    84-003355
    84-003361
    84-003362
    84-003366
    84-003367
    84-003368
    84-003374
    84-003379
    84-003386
    84-003387
    84-003390
    84-003391
    84-003393
    84-003394
    84-003397
    84-003433
    84-003439
    84-003441
    84-003452
    84-003463
    84-005072
    84-005616
  Forestry Practices
    84-003325

...CONTINUED...
Habitat Alterations
  Forestry Practices
    84-003329
    84-003333
    84-003348
    84-003349
    84-003356
    84-003362
    84-003364
    84-003365
    84-003375
    84-003380
    84-003392
    84-003404
    84-003406
    84-003407
    84-003408
    84-003409
    84-003410
    84-003413
    84-003414
    84-003417
    84-003423
    84-003426
    84-003445
    84-004480
    84-004717
  General
    84-003321
    84-003336
    84-003345
    84-003346
    84-003419
    84-003992
  Grazing
    84-003332
    84-003358
    84-003402
    84-003421
    84-003434
    84-003658
  Guatemala
    84-003345
  Gulf of Mexico
    84-003388
  Handbooks
    84-003382
    84-003437
  Herbicides
    84-003360
    84-003397
    84-003430
    84-003449
    84-003462
  India
    84-003992
  Industrialization
    84-003376

...CONTINUED...
Habitat Alterations
  Industrialization
    84-003377
    84-003396
  Land Use
    84-003219
    84-003327
    84-003350
    84-003357
    84-003401
    84-003405
    84-003416
    84-003422
    84-003427
    84-003428
    84-003436
    84-003444
    84-003446
    84-003461
    84-004175
  Mining
    84-003331
    84-003344
    84-003369
    84-003411
    84-003418
    84-003424
    84-003427
    84-003435
    84-003436
    84-003437
    84-003438
  Montana
    84-003330
    84-003424
    84-003438
  Mowing
    84-003353
  Off-road Vehicles
    84-003372
    84-003403
  Pipelines
    84-003326
    84-003351
    84-003371
    84-003440
  Plant Control
    84-003353
    84-003358
    84-003360
    84-003397
    84-003415
    84-003429
    84-003430
    84-003449
    84-003462
  Plant Succession
    84-003354

...CONTINUED...
Habitat Alterations
  Plant Succession
    84-003369
    84-003424
    84-003438
  Power Lines
    84-003442
  Range Management
    84-003310
    84-003353
    84-003360
    84-003390
    84-003426
    84-003429
    84-003449
  Reclamation
    84-003340
    84-003341
    84-003344
    84-003369
    84-003373
    84-003424
    84-003427
    84-003431
    84-003435
    84-003436
    84-003437
    84-003438
    84-003454
    84-003455
    84-003456
    84-003457
    84-003458
  Recreational Activities
    84-003399
  Revegetation
    84-003010
    84-003297
    84-003311
    84-003344
    84-003347
    84-003362
    84-003385
    84-003462
    84-003464
  Roads
    84-003020
    84-003326
    84-003351
    84-003370
    84-003371
    84-003385
    84-003432
    84-004168
  Strip Mining
    84-003077
    84-003412

...CONTINUED...
Habitat Alterations
  Strip Mining
    84-003641
  United States: Mississippi River and Basin
    84-003450
    84-003451
  Urbanization
    84-003396
  Water Level
    84-003328
  Wetland Draining
    84-003164
    84-003400
Harvest/Hunting Statistics
  Australia: New South Wales
    84-004821
  Canada
    84-004374
  Canada: Yukon
    84-003635
  Denmark
    84-003270
  Europe
    84-003282
    84-003752
  General
    84-004715
  Great Britain
    84-003281
  History
    84-003272
  Hunting Pressure
    84-004801
    84-004811
  Illinois
    84-004784
    84-004801
    84-004809
    84-004810
    84-004811
    84-004898
    84-004908
    84-004912
  Illinois, Southern
    84-004911
    84-004913
  Iowa
    84-004119
    84-004120
  Modeling
    84-004111
  Netherlands
    84-003272
  North America
    84-003750
  Questionnaires
    84-004119

...CONTINUED...
Harvest/Hunting Statistics
Questionnaires
84-004784
84-004801
84-004809
84-004810
84-004811
84-004898
84-004908
84-004912
84-004913
United States
84-004788
USSR
84-004872
Hunting/Anti-hunting
Access
84-004785
84-004815
Anas gibberifrons
84-004821
Anas platyrhynchos
84-004813
Anseriformes
84-004784
84-004785
84-004786
84-004796
84-004814
84-004815
Birds, Water
84-003267
Chenonetta jubata
84-004821
Crippling Loss
84-004816
Economic Value
84-003269
84-003273
84-003284
84-003364
General
84-003265
84-003268
84-003281
History/Canada
84-003269
Hunting Pressure
84-004796
Landowners
84-004131
Laws/Law Enforcement
84-004785
84-004786
Odocoileus virginianus
84-003266
84-003364

...CONTINUED...
Hunting/Anti-hunting
Odocoileus virginianus
84-004131
Rangifer tarandus
84-004175
Traps/Trapping
84-003268
84-003269
Whaling
84-004048
Mammals--Behavior
Adoption
84-004345
Aggressive Behavior
84-004043
84-004347
Agonistic Behavior
84-003913
Alarms
84-004104
Altruism
84-004263
Auditory Sense
84-003598
84-003645
84-004054
84-004063
84-004256
84-005804
Bioenergetics
84-003718
84-003943
84-004066
84-004253
Breeding
84-003207
84-003717
84-003722
84-004255
84-004350
Burrows
84-003564
Care/Rearing of Young
84-003756
84-004075
84-004138
84-004314
84-004322
84-004328
84-004345
Communication
84-003735
84-004223
84-004279
84-004334
Defensive Behavior
84-004191

...CONTINUED...
Mammals--Behavior
  Dens
    84-003858
    84-003867
    84-003904
    84-003909
    84-003947
    84-004007
  Displays
    84-003912
    84-004104
  Diurnal Rhythm
    84-003718
    84-003726
  Echolocation
    84-003596
    84-003615
    84-003624
    84-003625
    84-004013
    84-004054
    84-004056
  Endocrinology
    84-003687
  Estrous Cycle
    84-004347
  Food Hoarding
    84-003689
    84-003839
    84-003969
  Foods/Feeding
    84-003555
    84-003589
    84-003616
    84-003630
    84-003661
    84-003684
    84-003689
    84-003708
    84-003800
    84-003839
    84-003867
    84-003944
    84-003969
    84-003970
    84-004091
    84-004230
    84-004265
    84-004270
    84-004273
    84-004288
    84-004303
    84-004574
  General
    84-003653
    84-003670
    84-003746

...CONTINUED...
Mammals--Behavior
  General
    84-003749
    84-003794
    84-003935
    84-004203
    84-004223
    84-004226
    84-004272
  Grooming
    84-003764
    84-004263
  Habitat Use
    84-003474
    84-003476
    84-003564
    84-003616
    84-003641
    84-003684
    84-003708
    84-003715
    84-003733
    84-003758
    84-003772
    84-003773
    84-003783
    84-003787
    84-003800
    84-003807
    84-003819
    84-003858
    84-003942
    84-003943
    84-004091
    84-004142
    84-004184
    84-004274
  Home Range/Territory
    84-003641
    84-003667
    84-003715
    84-003860
    84-003904
    84-003923
    84-003953
    84-003973
    84-003988
    84-004142
    84-004169
    84-004274
    84-004283
    84-004286
    84-004287
    84-004318
    84-004327
  Hormones
    84-004252

...CONTINUED...
Mammals--Behavior
  Infanticide
    84-003737
    84-003993
  Interspecies Relationships
    84-003467
    84-003474
    84-003476
    84-003532
    84-003534
    84-003590
    84-003733
    84-003772
    84-003773
    84-003781
    84-003783
    84-003800
    84-003807
    84-003819
    84-003863
    84-003867
    84-003942
    84-003953
    84-003971
    84-004043
    84-004068
    84-004091
    84-004092
    84-004181
    84-004306
    84-004320
  Intraspecies Relationships
    84-003619
    84-003716
    84-003740
    84-003841
    84-003912
    84-004075
    84-004145
    84-004253
    84-004263
  Killing Methods
    84-003854
    84-003969
  Learning
    84-004303
  Lip Curling
    84-004115
  Mating
    84-003643
    84-003963
    84-004000
    84-004007
    84-004124
    84-004255
  Mineral Licks
    84-004184

...CONTINUED...
Mammals--Behavior
  Movements
    84-003988
  Nocturnal Activities
    84-004264
  Nursing
    84-003619
    84-003642
  Olfactory Sense
    84-003823
    84-003837
    84-004101
  Orientation/Homing
    84-003615
    84-003787
    84-004063
  Pair Formation
    84-003896
  Pheromones
    84-004115
  Pollination
    84-003609
  Polygyny
    84-003207
    84-003717
    84-003722
  Predation
    84-003914
    84-003970
  Predator/Prey Relationships
    84-003684
    84-003708
    84-004181
  Reproduction
    84-004252
  Roosts/Roosting
    84-003616
  Rutting
    84-004154
    84-004169
  Scent Marking
    84-003659
    84-003704
    84-003712
    84-003754
    84-003896
    84-004223
    84-004279
    84-004334
  Seasonal Activities
    84-003721
    84-003965
    84-004267
    84-004273
  Seed Dispersal
    84-003869
    84-004087

...CONTINUED...
- Mammals--Behavior
  - Seed Dispersal
    - 84-004089
    - 84-004265
  - Sight
    - 84-004256
  - Sleep
    - 84-004246
  - Social Behavior
    - 84-003574
    - 84-003590
    - 84-003667
    - 84-003740
    - 84-003823
    - 84-003853
    - 84-003913
    - 84-003971
    - 84-003973
    - 84-003988
    - 84-003993
    - 84-004008
    - 84-004020
    - 84-004082
    - 84-004091
    - 84-004101
    - 84-004124
    - 84-004145
    - 84-004169
    - 84-004183
    - 84-004187
    - 84-004193
    - 84-004208
    - 84-004226
    - 84-004262
    - 84-004270
    - 84-004271
    - 84-004306
    - 84-004308
    - 84-004317
    - 84-004318
    - 84-004320
    - 84-004322
    - 84-004326
    - 84-004328
    - 84-004329
    - 84-004346
    - 84-004349
    - 84-004350
    - 84-004358
  - Taste Response
    - 84-004278
  - Thermoregulation
    - 84-003695
    - 84-003851
  - Vocalization
    - 84-003595
    - 84-003615

...CONTINUED...
- Mammals--Behavior
  - Vocalization
    - 84-003645
    - 84-003714
    - 84-003735
    - 84-003892
    - 84-004054
    - 84-004071
    - 84-004073
    - 84-004101
    - 84-004308
    - 84-004326
    - 84-005804
  - Wildlife/Livestock Relationships
    - 84-004092
  - Zoogeography
    - 84-003684
    - 84-004071
- Mammals--Communities
  - Argentina
    - 84-003491
    - 84-003499
  - Benin
    - 84-003502
  - Canada: Ontario
    - 84-003408
  - Canada: Saskatchewan
    - 84-003492
  - Christmas Counts
    - 84-003492
  - Desert Habitat
    - 84-003498
  - Forestry Practices
    - 84-003408
  - Forests, Tropical
    - 84-003499
  - General
    - 84-003503
  - Habitat Use
    - 84-003487
    - 84-003490
    - 84-003496
  - Iowa, Western
    - 84-003493
  - Islands
    - 84-003501
  - Kansas, Westcentral
    - 84-003496
  - Kansas: Douglas County
    - 84-003467
  - Kenya
    - 84-003490
  - Louisiana
    - 84-003486
  - Marshes
    - 84-003486
  - Mediterranean Region
    - 84-003501

...CONTINUED...

- Mammals--Communities
  - Mexico
    - 84-003466
    - 84-003495
  - Minnesota, Southwestern
    - 84-003494
  - Montane Habitat
    - 84-003498
  - Peru
    - 84-003497
    - 84-003498
  - South Africa
    - 84-003489
  - South America
    - 84-003091
  - Species Diversity
    - 84-003487
    - 84-003495
  - Texas, Eastern
    - 84-003488
  - Venezuela
    - 84-003487
  - Wisconsin: Monroe County
    - 84-003500
- Mammals--Damage
  - Agricultural Crops
    - 84-003536
    - 84-003680
  - Aircraft
    - 84-003878
  - Baits/Attractants
    - 84-003530
    - 84-003719
    - 84-003782
  - Brodifacoum
    - 84-003719
  - Control
    - 84-003530
    - 84-003649
    - 84-003681
    - 84-003682
    - 84-003686
    - 84-003690
    - 84-003691
    - 84-003776
    - 84-003840
    - 84-003922
    - 84-004105
    - 84-004114
    - 84-004118
    - 84-004213
  - Corn
    - 84-003692
  - Fences
    - 84-004105
    - 84-004118
    - 84-004213

...CONTINUED...

- Mammals--Damage
  - Feral Animals
    - 84-003540
    - 84-003870
  - Forests
    - 84-003540
    - 84-003840
    - 84-004100
    - 84-004114
    - 84-004118
  - Forests, Coniferous
    - 84-003782
  - Fumigants
    - 84-003691
  - General
    - 84-003532
    - 84-003533
    - 84-003649
    - 84-003681
    - 84-003952
  - Population Control
    - 84-003541
    - 84-003662
    - 84-003673
    - 84-003692
    - 84-003696
    - 84-003706
    - 84-003719
    - 84-003732
    - 84-003782
    - 84-003878
  - Predation
    - 84-003535
    - 84-003874
    - 84-003999
  - Predator Control
    - 84-003541
    - 84-003855
    - 84-003873
    - 84-003874
    - 84-003884
    - 84-003885
    - 84-003901
  - Repellents
    - 84-003690
    - 84-003922
    - 84-004100
  - Rodenticides
    - 84-003530
  - Sodium Fluoroacetate
    - 84-003884
  - Sugarcane
    - 84-003682
  - Traps/Trapping
    - 84-003782
  - Urban Habitat
    - 84-003706

...CONTINUED...
Mammals--Damage
  Zinc Phosphide
   84-003682
Mammals--General
  Aerial Surveys
   84-003485
  Bibliographies
   84-003004
  Captive Animal Care
   84-003477
  Census/Survey Methods
   84-003485
  Collections
   84-003466
   84-003473
   84-003475
  Damage by Wildlife
   84-003533
  Endangered/Threatened Species
   84-003183
   84-003187
  Evolution
   84-003470
  Feral Animals
   84-003540
  Foods/Feeding
   84-003471
  Forestry Practices
   84-003426
  Habitat Use
   84-003426
   84-003479
   84-003490
   84-003533
  Interspecies Relationships
   84-003467
  Life History/General
   84-003477
  Paleobiology
   84-003465
   84-003468
   84-003501
  Population Ecology
   84-003467
  Range Management
   84-003426
  Reproduction
   84-003467
  Snow
   84-003479
  Taxonomy
   84-003475
  Wildlife as Food
   84-003497
  Wildlife/Habitat Relationships
   84-003533
   84-003540
Mammals--Morphology
  Abnormalities
   84-003622
   84-004189
  Anal Gland
   84-003739
  Bacula
   84-003509
  Brain
   84-003897
   84-004245
   84-004337
  Cardiovascular System
   84-004050
   84-004076
  Central Nervous System
   84-003556
   84-004340
  Coloration
   84-003657
  Cytology
   84-003569
  Ears
   84-003505
   84-003597
   84-003613
  Epididymis
   84-003584
  Eyes
   84-004024
  Female Reproductive Organs
   84-003570
  Flight
   84-003605
  General
   84-003507
   84-003545
   84-003723
   84-003738
   84-003755
   84-003810
   84-003812
   84-003962
   84-004014
   84-004107
   84-004129
   84-004222
   84-004293
  Head
   84-003558
   84-004084
   84-004189
   84-004302
  Histology
   84-003561
   84-004293
  Jaws
   84-003599

...CONTINUED...
Mammals--Morphology
Jaws
84-004189
Legs
84-003556
84-003981
Locomotion
84-003507
84-004284
84-004289
84-004290
84-004291
84-004313
Lungs
84-004277
Male Reproductive Organs
84-003548
84-004280
Mastication
84-003599
Muscles
84-003761
84-004284
84-004291
84-004296
Nasal Cavity
84-003547
84-003626
Olfactory Sense
84-003569
Osteology
84-003558
84-003626
84-003763
84-003836
84-003981
84-004034
84-004084
84-004302
Pelage
84-003561
84-003806
Pituitary Gland
84-003583
Placenta
84-004294
Prostate Gland
84-003731
Subcommissural Organ
84-003543
Tails
84-003695
Teeth
84-003622
84-003683
84-003846
84-003894

...CONTINUED...
Mammals--Morphology
Teeth
84-004002
84-004038
84-004266
84-004315
84-004336
84-004360
Testes
84-003578
Tongue
84-003599
Vertebrae
84-004014
Zoogeography
84-003812
84-003836
84-004107
Mammals--Mortality
Drowning
84-003977
Fish Nets
84-004044
84-004061
84-004062
84-004064
General
84-004102
Highway Mortality
84-004120
Techniques
84-004166
Mammals--Parasites/Diseases
Anaplasmosis
84-004088
Arbovirus Disease
84-004297
Bacterial Diseases
84-003900
84-003996
84-004095
84-004110
84-004126
84-004149
Brucellosis
84-003900
Captive Animal Care
84-004099
Catarrhal Fever
84-004174
84-004197
Cestodes
84-003685
84-003769
Coccidiosis
84-004161
Distemper
84-003930

...CONTINUED...
Mammals--Parasites/Diseases
Ectoparasites
84-003610
84-003702
Fleas
84-003568
84-003790
84-003835
Fungal Diseases
84-004251
General
84-003542
84-004025
84-004035
84-004067
Helminths
84-003811
84-003898
Hepatitis
84-003707
84-004297
Herpesvirus
84-004197
Injuries
84-004227
Leishmaniasis
84-003675
Lesions
84-004244
Lice, Sucking
84-004135
Lungworms
84-004097
Malaria
84-004297
Mites
84-003786
84-003816
Nematodes
84-003546
84-003648
84-003844
84-003958
84-003961
84-003978
84-003980
84-004097
84-004113
84-004163
84-004195
84-004211
84-004229
84-004305
84-004343
84-004355
Neoplasms
84-003729

...CONTINUED...
Mammals--Parasites/Diseases
Neoplasms
84-003868
84-004254
Paratuberculosis
84-004110
Plague
84-003835
Protozoan Diseases
84-003572
84-003602
84-003675
84-003701
84-003766
84-003767
84-003788
84-004088
84-004112
84-004116
84-004151
84-004161
84-004234
Public Health Problems
84-004126
Rabies
84-003972
84-003975
Salmonella
84-004095
Sarcocystis
84-003701
84-003788
84-004116
84-004151
Sight
84-004067
Ticks
84-003529
84-003565
84-003573
84-003745
84-004086
84-004126
Toxoplasmosis
84-003679
Transmission of Disease
84-003675
84-003975
Treatment
84-004227
84-004354
Trematodes
84-003623
84-004009
Trypanosomes
84-003602
84-003766

...CONTINUED...
Mammals--Parasites/Diseases
  Trypanosomes
   84-003767
  Tuberculosis
   84-004149
   84-004354
  Vaccination
   84-003872
   84-003991
  Viral Diseases
   84-003707
   84-003728
   84-003872
   84-003930
   84-003972
   84-003975
   84-004174
   84-004197
   84-004297
  Yersiniosis
   84-004094
   84-004095
Mammals--Pesticides/Pollution
  Biological Indicators
   84-003520
  Cadmium
   84-003510
  Chlordane
   84-003517
  Chlorinated Hydrocarbons
   84-003511
   84-003523
  Copper
   84-003518
  DDE
   84-003514
  Dieldrin
   84-003513
  Endrin
   84-003521
  Heavy Metals
   84-003510
   84-003515
   84-003518
   84-003520
   84-003527
   84-003528
  Heptachlor
   84-003513
  Hexachlorobenzene
   84-003511
   84-003512
  Mercury
   84-003520
  Molybdenum
   84-003518
  Nontarget Organisms
   84-003522

...CONTINUED...
Mammals--Pesticides/Pollution
  Oil Pollution
   84-003516
   84-003525
  Polychlorinated Biphenyls
   84-003514
   84-003526
  Radioactivity
   84-003524
  Sodium Fluoroacetate
   84-003522
  TCDD
   84-003523
  2,4,5-T
   84-003519
Mammals--Physiology
  Abortion
   84-004193
  Adrenal Gland
   84-003959
  Antlers
   84-004160
  Body Fat
   84-003672
   84-004182
  Body Temperature
   84-004269
  Brain
   84-003710
   84-003797
  Breeding
   84-003778
   84-003789
  Cytology
   84-004148
  Digestion
   84-003544
  Diurnal Rhythm
   84-003508
  Diving
   84-004023
  DNA
   84-004148
  Embryology
   84-003506
   84-004040
  Endocrinology
   84-003687
   84-003694
   84-003918
  Enzymes
   84-004344
  Estrous Cycle
   84-003890
   84-003968
   84-004282
  Food Consumption
   84-003738

...CONTINUED...
Mammals--Physiology
Food Supply
84-004121
84-004188
Foods/Feeding
84-004123
84-004188
General
84-003826
84-004304
Glands
84-003608
84-003659
84-003847
Growth/Development
84-003815
84-004160
Harderian Gland
84-003553
Heart Rate
84-004300
Hematology
84-004045
84-004046
84-004210
84-004232
84-004260
84-004344
Hibernation
84-003591
84-003918
Histology
84-003608
84-003847
Hormones
84-003575
84-003587
84-003705
84-003738
84-003765
84-003778
84-003890
84-003964
84-003965
84-003976
84-004109
84-004123
84-004133
84-004156
84-004282
84-004361
Hypercapnia
84-003753
Hypothalamus
84-003677
Kidneys
84-003693

...CONTINUED...
Mammals--Physiology
Lactation
84-004357
Lymphatics
84-004325
Metabolism
84-003508
84-003544
84-003575
84-003677
84-003693
84-003765
84-003918
84-004023
Milk
84-004065
Molting
84-003964
Nutrition
84-004109
Ovaries
84-003571
84-003789
Ovulation
84-003837
Oxygen
84-004300
Pharmacology
84-003839
Photoperiodism
84-003562
84-003797
84-003838
84-003852
84-003959
Physical Condition
84-003994
84-004046
84-004121
84-004182
Pineal Gland
84-003838
Pituitary Gland
84-003677
Pregnancy
84-003964
Proteins
84-003593
84-003672
Reproduction
84-003575
84-003587
84-003588
84-003627
84-003694
84-003815
84-003837

...CONTINUED...
Mammals--Physiology
  Reproduction
    84-003852
    84-003946
    84-003994
    84-004172
    84-004275
  Scent Glands
    84-003805
  Scent Marking
    84-003805
  Seasonal Activities
    84-003765
  Sexual Maturity
    84-004348
  Sight
    84-003710
    84-004027
  Skin
    84-003847
    84-004019
  Sperm
    84-004156
  Spermatogenesis
    84-004280
  Stress
    84-003693
    84-004172
    84-004319
  Temperature Relationships
    84-003506
    84-004300
  Testes
    84-003959
  Testicular Cycle
    84-003762
  Thermoregulation
    84-003552
    84-003562
    84-004006
    84-004269
  Thyroid Gland
    84-003738
    84-003965
    84-004123
    84-004133
  Urine
    84-004046
  Water Metabolism
    84-003551
    84-003777
    84-003871
Mammals--Techniques
  Aerial Surveys
    84-003483
    84-003485
    84-004041

...CONTINUED...
Mammals--Techniques
  Aerial Surveys
    84-004042
    84-004206
  Aging
    84-003509
    84-003700
    84-003810
    84-003905
    84-004038
    84-004049
    84-004238
    84-004266
    84-004359
  Aircraft
    84-004206
  Anesthetics
    84-003482
    84-003724
  Autopsy
    84-004016
  Captive Animal Care
    84-003813
    84-004295
  Capturing Methods
    84-003482
    84-003675
    84-003989
    84-004096
  Carfentanil
    84-004098
  Census/Survey Methods
    84-003480
    84-003483
    84-003484
    84-003485
    84-003725
    84-003817
    84-003825
    84-003856
    84-003892
    84-004039
    84-004041
    84-004042
    84-004055
    84-004070
    84-004103
    84-004127
    84-004206
    84-004333
  Cytology
    84-004298
  Diets
    84-003813
    84-004295
  Digestion Studies
    84-004139

...CONTINUED...
Mammals--Techniques
- Food Habits Studies
  - 84-003614
  - 84-003822
  - 84-003856
  - 84-004139
- Food Supply
  - 84-004139
- Habitat Surveys
  - 84-004179
  - 84-004224
- Habitat Use
  - 84-003703
- Hematology
  - 84-003549
  - 84-004029
  - 84-004217
  - 84-004298
- Home Range/Territory
  - 84-003882
  - 84-003883
- Immobilization
  - 84-004096
  - 84-004098
  - 84-004134
  - 84-004199
  - 84-004228
- Mapping
  - 84-004179
- Marking
  - 84-003480
  - 84-004228
- Mortality
  - 84-003662
  - 84-004102
- Pellet Groups
  - 84-004127
- Photography
  - 84-004108
- Scat Analysis
  - 84-003856
  - 84-003990
- Sexing
  - 84-003700
  - 84-003723
  - 84-003810
  - 84-004129
- Study Methods
  - 84-004047
- Teeth
  - 84-004049
- Telemetry
  - 84-003630
  - 84-003662
  - 84-003923
  - 84-003986
  - 84-004074

...CONTINUED...
Mammals--Techniques
- Telemetry
  - 84-004108
  - 84-004138
  - 84-004166
- Tracks/Tracking
  - 84-004127
- Traps/Trapping
  - 84-003480
  - 84-003481
  - 84-003825
  - 84-003883
  - 84-003989
- Vocalization
  - 84-004073
- Xylazine
  - 84-004134

Modeling
- Embryology
  - 84-003193
- Endangered/Threatened Species
  - 84-003075
- Foods/Feeding
  - 84-003067
- Habitat Alterations
  - 84-004165
- Habitat Use
  - 84-003056
  - 84-003932
  - 84-003933
  - 84-004731
  - 84-004861
  - 84-005646
  - 84-005752
- Harvest/Hunting Statistics
  - 84-004111
- Home Range/Territory
  - 84-003067
  - 84-003071
- Interspecies Relationships
  - 84-003066
  - 84-004375
- Management
  - 84-003156
  - 84-004894
- Oil Pollution
  - 84-003218
  - 84-004662
- Pesticides
  - 84-003217
  - 84-003225
- Population Control
  - 84-003776
- Population Ecology
  - 84-003075
  - 84-004662
  - 84-004894

...CONTINUED...
Modeling
  Predator/Prey Relationships
    84-003247
    84-003252
  Seed Dispersal
    84-003045
  Traps/Trapping
    84-003060
Organizations
  Falkland Islands Foundation
    84-003306
  International Society of Biometeorology
    84-003006
Plants--General
  Endangered/Threatened Species
    84-003019
    84-003178
    84-003180
    84-003181
    84-003182
    84-003186
  Habitat Alterations
    84-003397
  Habitat Surveys
    84-003027
Plants--Habitat Surveys
  Alaska
    84-003020
    84-003026
  Assessment
    84-003028
  Brazil
    84-003024
  California
    84-003022
    84-003028
  Canada: Yukon
    84-003021
  Czechoslovakia
    84-003013
    84-003015
    84-003131
  Finland
    84-003019
  Florida
    84-003143
  General
    84-003174
  Georgia
    84-003008
  Idaho
    84-003025
  Louisiana
    84-003174
  North Carolina
    84-003008

...CONTINUED...
Plants--Habitat Surveys
  South Carolina
    84-003008
  Species Diversity
    84-003344
  Sri Lanka
    84-003018
  United States, Northeastern
    84-003136
  Wisconsin: Winnebago County
    84-003023
  Wyoming
    84-003025
Plants--Techniques
  Habitat Surveys
    84-003007
    84-003009
    84-003010
    84-003011
    84-003012
    84-003013
    84-003014
    84-003015
    84-003016
    84-003017
    84-003131
  Mapping
    84-003020
  Remote Sensing
    84-003007
    84-003009
    84-003011
    84-003012
    84-003014
  Satellite Imagery
    84-003007
Reserves/Refuges/Parks
  Arizona
    84-003167
  Australia: Western Australia
    84-003176
  China
    84-003924
  Costa Rica
    84-003126
  Czechoslovakia
    84-003092
    84-003106
    84-003108
    84-003116
    84-003129
    84-003130
    84-003131
    84-003132
    84-003148
    84-003151
    84-003160

...CONTINUED...
- Reserves/Refuges/Parks
  - Czechoslovakia
    - 84-003169
    - 84-003171
    - 84-003379
  - Disturbances
    - 84-003124
    - 84-003126
    - 84-003158
    - 84-003343
  - Florida: Everglades Natl. Park
    - 84-003143
  - General
    - 84-003132
    - 84-003148
    - 84-003151
    - 84-003169
  - Honduras
    - 84-003110
  - Illinois
    - 84-003163
  - India
    - 84-003111
  - Liberia
    - 84-003118
  - Management
    - 84-003130
    - 84-003160
    - 84-003171
  - Management/Arizona
    - 84-003167
  - Management/United States
    - 84-003125
  - Nicaragua
    - 84-003115
  - Nigeria
    - 84-003142
  - Panama
    - 84-003157
  - Poland
    - 84-003104
    - 84-003158
    - 84-003159
  - Protection
    - 84-003116
    - 84-003151
    - 84-003169
    - 84-003171
    - 84-003379
  - Seychelles Islands
    - 84-003173
  - Spain
    - 84-003153
    - 84-003154
  - Texas
    - 84-003109
  - United States
    - 84-003125

...CONTINUED...
- Reserves/Refuges/Parks
  - Utilization
    - 84-003124
    - 84-003158
- Socio-economic Studies
  - Finland
    - 84-003273
  - Florida, Northwestern
    - 84-003275
    - 84-003279
    - 84-003280
  - Florida, Southwestern
    - 84-003274
    - 84-003276
    - 84-003277
    - 84-003278
  - General
    - 84-003271
    - 84-003274
    - 84-003275
    - 84-003276
    - 84-003277
    - 84-003278
    - 84-003279
    - 84-003280
  - Hunters
    - 84-004784
    - 84-004786
  - Hunting Pressure
    - 84-004131
  - Hunting/Anti-hunting
    - 84-003273
    - 84-003281
    - 84-003283
    - 84-003284
  - Illinois
    - 84-004784
    - 84-004786
  - Landowners
    - 84-004131
  - Ohio
    - 84-003271
- Soil Surveys
  - Arizona: Coconino County
    - 84-003002
  - California: San Luis Obispo County
    - 84-002997
  - Colorado: Grand County
    - 84-003001
  - Colorado: Huerfano County
    - 84-002999
  - Micronesia
    - 84-002995
  - Mississippi: Lauderdale County
    - 84-002992
  - New Mexico: Chaves County
    - 84-002996

...CONTINUED...
Soil Surveys
  North Carolina: Wilson County
    84-002998
  Oregon: Multnomah County
    84-002993
  Washington: Snohomish County
    84-003000
  Wyoming: Washakie County
    84-002994
Wildlife--Behavior
  Aggressive Behavior
    84-003201
    84-003206
  Displays
    84-003196
  Domestication
    84-003205
  Foods/Feeding
    84-003088
    84-003200
  Habitat Use
    84-003088
    84-003195
    84-003203
    84-003208
  Interspecies Relationships
    84-003082
    84-003195
    84-003200
    84-003201
    84-003202
    84-003203
    84-003204
    84-003206
    84-003208
  Intraspecies Relationships
    84-003196
  Orientation/Homing
    84-003197
  Play Behavior
    84-003199
  Predator/Prey Relationships
    84-003198
    84-003259
  Social Behavior
    84-003196
Wildlife--Communities
  Arizona
    84-003095
  Atlantic Ocean, Southern
    84-003083
  Australia
    84-003038
  Czechoslovakia
    84-003089
    84-003092
    84-003101

...CONTINUED...
Wildlife--Communities
  Desert Habitat
    84-003088
    84-003095
  Falkland Islands
    84-003099
  Forests
    84-003093
    84-003096
  Forests, Tropical
    84-003084
  General
    84-003098
  Habitat Use
    84-003088
  Illinois: Cass County
    84-003097
  Illinois: Morgan County
    84-003097
  Islands
    84-003066
    84-003076
    84-003078
    84-003080
    84-003082
    84-003094
    84-003103
  Marshes
    84-003079
  Mauritius
    84-003080
  Montane Habitat
    84-003081
    84-003085
  New York
    84-003079
  New Zealand
    84-003087
    84-003102
  North America
    84-003088
  North Dakota, Western
    84-003077
  Panama
    84-003157
  Peru
    84-003100
  Riparian Habitat
    84-003096
  South Africa
    84-003083
  Spain
    84-003081
    84-003085
    84-003153
  Species Diversity
    84-003066

...CONTINUED...
Wildlife--Communities
  Species Diversity
    84-003076
    84-003078
    84-003094
    84-003103
  Strip Mining
    84-003077
  Trophic Relationships
    84-003083
  United States
    84-003090
    84-003093
    84-003096
  United States, Southwestern
    84-003086
  Wetlands
    84-003086
    84-003087
    84-003090
    84-003140
  Zoogeography
    84-003076
    84-003082
    84-003098
Wildlife--Damage
  Control
    84-003245
    84-003250
    84-003251
    84-003254
    84-003257
    84-003260
    84-003263
  Corn
    84-003250
  General
    84-003245
    84-003249
    84-003251
    84-003254
    84-003256
    84-003257
    84-003260
    84-003263
  Techniques
    84-003256
  4-aminopyridine
    84-003250
Wildlife--General
  Aesthetic Value
    84-003312
  Bioenergetics
    84-003037
  Biological Indicators
    84-003211
  Checklists
    84-003100

...CONTINUED...
Wildlife--General
  Chromosomes
    84-003577
    84-003600
    84-003611
    84-003698
    84-003795
    84-003796
    84-003834
    84-004143
    84-004170
    84-004216
    84-005993
  Dams
    84-003342
  Distrubances
    84-003399
  Environmental Factors
    84-003036
  Evolution
    84-003029
    84-003033
    84-003034
    84-003039
    84-003470
  Food Supply
    84-003032
    84-003037
  Foods/Feeding
    84-003037
  Forestry Practices
    84-003349
    84-003404
    84-003406
  Genetics
    84-003478
    84-003521
    84-003560
    84-003709
    84-003764
    84-003768
    84-003848
    84-003850
    84-003950
    84-004122
    84-004155
    84-004261
    84-004292
    84-004331
    84-004591
    84-004730
    84-004871
    84-004935
    84-005443
    84-005462
    84-005769
    84-005773

...CONTINUED...
Wildlife--General
  Genetics
    84-005814
    84-005823
    84-005890
    84-005928
    84-005932
    84-005937
    84-006012
  Habitat Alterations
    84-003327
    84-003342
    84-003349
    84-003406
    84-003429
  Habitat Use
    84-003056
    84-003095
    84-003203
  Home Range/Territory
    84-003037
  Interspecies Relationships
    84-003203
  Introduction
    84-003102
  Karyotypes
    84-003470
    84-003478
    84-003611
    84-003669
    84-003774
    84-003793
    84-004190
    84-004331
    84-004364
    84-005769
    84-005993
  Land Use
    84-003327
  Modeling
    84-003045
    84-003056
    84-003247
    84-003252
  Population Ecology
    84-003030
    84-003032
    84-003033
  Predator/Prey Relationships
    84-003031
    84-003247
    84-003252
  Predators
    84-003032
  Seed Dispersal
    84-003045
  Status/Thailand
    84-003404

...CONTINUED...
Wildlife--General
  Taxonomy
    84-003038
  Trophic Relationships
    84-003035
  Wildlife/Habitat Relationships
    84-003029
Wildlife--Management
  Agricultural Practices
    84-003339
  Alaska
    84-003295
  California
    84-003292
    84-003304
  Canada
    84-003290
    84-003298
    84-003321
  Commercial Enterprises
    84-004180
  Czechoslovakia
    84-003291
  Dams
    84-004794
  Farmland
    84-003287
  Farmsteads
    84-003318
    84-003323
  General
    84-003008
    84-003285
    84-003286
    84-003293
    84-003295
    84-003305
    84-003309
    84-003312
  Habitat Classification
    84-003016
    84-003022
    84-003047
    84-003053
    84-003054
  Hunters
    84-003299
  Illinois
    84-003287
  Land, Indian
    84-003298
    84-003321
  Land, Private
    84-003299
    84-003318
  Laos
    84-003314

...CONTINUED...
Wildlife--Management
Laws/Law Enforcement
84-003289
84-003291
84-003298
84-003307
84-003309
Missouri
84-003339
Nigeria
84-003285
Nongame Wildlife
84-003324
Plantings
84-003288
84-003292
84-003294
84-003296
84-003297
84-003300
84-003301
84-003308
84-003310
84-003311
84-003313
84-003315
84-003316
84-003317
84-003319
84-003320
84-003323
84-003358
Public Relations
84-003309
Rangeland
84-003003
84-003288
84-003296
84-003297
84-003300
84-003301
84-003308
84-003310
84-003311
84-003313
84-003315
84-003316
84-003317
84-003319
84-003320
84-003322
84-003353
84-003358
84-003360
84-003362
84-003430
84-003449

...CONTINUED...
Wildlife--Management
Rangeland
84-003463
Recreational Activities
84-003302
Scotland
84-003303
Steel Shot
84-004784
84-004789
Stocking/Transplanting
84-004157
Sudan
84-003312
United States, Southeastern
84-003324
Wetlands
84-003137
84-003177
84-003292
84-003304
Wilderness Areas
84-003302
Wisconsin
84-003137
Wildlife--Parasites/Diseases
Arbovirus Disease
84-003238
General
84-003242
Hepatitis
84-003240
Mosquitoes
84-003243
Nematodes
84-003239
Rabies
84-003241
Ticks
84-003244
Trichinella
84-003239
Viral Diseases
84-003238
84-003240
84-003241
Wildlife--Pesticides/Pollution
Acid Precipitation
84-003229
84-003234
Biological Indicators
84-003211
84-003223
84-003227
Chlorinated Hydrocarbons
84-003220
Copper
84-003236

...CONTINUED...
Wildlife--Pesticides/Pollution
- General
  - 84-003210
  - 84-003211
  - 84-003217
  - 84-003218
  - 84-003224
  - 84-003225
  - 84-003230
  - 84-003232
- Great Britain
  - 84-003229
- Heavy Metals
  - 84-003220
  - 84-003236
- Industrial Wastes
  - 84-003232
- Lead
  - 84-003236
- Nontarget Organisms
  - 84-003217
  - 84-003226
- Oil Pollution
  - 84-003212
  - 84-003215
  - 84-003218
  - 84-003221
  - 84-003233
  - 84-003237
- Rodenticides
  - 84-003226
  - 84-003235
- Sewage Disposal
  - 84-003214
- Sewage Effluents
  - 84-003214
  - 84-003219
- Thermal Pollution
  - 84-003222
- Uranium
  - 84-003236
- Zinc
  - 84-003236

Wildlife--Physiology
- Biochemistry
  - 84-003190
- Calcium
  - 84-003192
- Digestion Studies
  - 84-003322
- Eggs
  - 84-003194
- Embryology
  - 84-003192
  - 84-003193
- Metabolism
  - 84-003192

...CONTINUED...
Wildlife--Physiology
- Productivity
  - 84-003189
- Reproduction
  - 84-003189
- Sight
  - 84-003191

Wildlife--Techniques
- Bibliographies
  - 84-003072
- Biometrics
  - 84-003031
  - 84-003039
  - 84-003046
  - 84-003055
  - 84-003057
  - 84-003063
  - 84-003065
- Census/Survey Methods
  - 84-003040
  - 84-003041
  - 84-003042
  - 84-003050
  - 84-003055
- Computer Use
  - 84-003073
  - 84-003256
  - 84-003265
  - 84-003335
- Data Storage/Retrieval
  - 84-003256
- Domestication
  - 84-003286
- Fires/Burns
  - 84-003387
- Food Supply
  - 84-003049
- General
  - 84-003283
- Habitat Surveys
  - 84-003010
  - 84-003011
  - 84-003012
  - 84-003014
  - 84-003017
  - 84-003021
  - 84-003024
  - 84-003028
  - 84-003043
  - 84-003047
  - 84-003053
  - 84-003054
  - 84-003058
  - 84-003059
  - 84-003061
  - 84-003074
  - 84-003365

...CONTINUED...
Wildlife--Techniques
  Harvest/Hunting Statistics
    84-003270
    84-003282
  Immobilization
    84-003072
  Mapping
    84-003021
    84-003047
    84-003052
  Modeling
    84-003060
  Remote Sensing
    84-003011
    84-003012
    84-003024
    84-003028
    84-003043
    84-003047
    84-003048
    84-003053
    84-003058
    84-003059
    84-003070
    84-003074
    84-003365
    84-003423
  Sampling
    84-003046
    84-003057
    84-003063
    84-003065
  Satellite Imagery
    84-003048
    84-003070
    84-003423
  Study Methods
    84-003068
  Telemetry
    84-003040
    84-003069
    84-003073
  Traps/Trapping
    84-003060
  Zoos
    84-003044
    84-003051
    84-003062
    84-003064

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